

UNDERGRADUATE CATALOG

# CAROLINA

2023-2024

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THE UNIVERSITY  
*of* NORTH CAROLINA  
*at* CHAPEL HILL

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# ACADEMIC CALENDAR

## 2023-2024

University Registrar calendars can be obtained on the University Registrar's website (<http://registrar.unc.edu>). For more information on Summer and Maymester Sessions, visit the Summer School's website (<http://summer.unc.edu>).

### Summer Session I (SSI) and Maymester (MM) 2023

MM and SSI classes begin	Wednesday, May 17
MM last day for late registration	Wednesday, May 17
SSI last day for late registration	Thursday, May 18
Holiday (Memorial Day). No classes	Monday, May 29
MM classes end/exams	Thursday, June 1 Friday, June 2
Holiday (Juneteenth). No classes	Monday, June 19
SSI classes end	Tuesday, June 20
SSI reading day	Wednesday, June 21
SSI exam days	Thursday, June 22 Friday, June 23

### Summer Session II (SSII) 2023

SSII classes begin	Monday, June 26
SSII last day for late registration	Tuesday, June 27
Holiday (Independence Day). No classes	Tuesday, July 4
SSII classes end	Thursday, July 27
SSII reading day	Friday, July 28
SSII exam days	Monday, July 31 Tuesday, August 1

### Fall Semester 2023

New student convocation	Sunday, August 20
Classes begin	Monday, August 21
Last day for late registration	Friday, August 25
Holiday (Labor Day). No classes	Monday, September 4
University Day. Classes cancelled during ceremony	Thursday, October 12
Well-being days	Tuesday, September 5 Monday, September 25
Fall break. No classes	Thursday, October 19 Friday, October 20
Thanksgiving recess. No classes	Wednesday, November 22 Thursday, November 23 Friday, November 24
Classes end	Wednesday, December 6
Reading days	Thursday, December 7 Wednesday, December 13

Exam days	Friday, December 8 Saturday, December 9 Monday, December 11 Tuesday, December 12 Thursday, December 14 Friday, December 15
Fall Commencement	Sunday, December 17

### Spring Semester 2024

Classes begin	Wednesday, January 10
Last day of late registration	Monday, January 17
Holiday (MLK Jr.). No classes	Monday, January 15
Well-being days	Monday, February 12 Tuesday, February 13 Thursday, March 28
Spring break begins 5:00 p.m.	Friday, March 8
Classes resume 8:00 a.m.	Monday, March 18
Spring holiday. No classes	Friday, March 29
Classes end	Tuesday, April 30
Reading days	Wednesday, May 1 Saturday, May 4 Wednesday, May 8
Exam days	Thursday, May 2 Friday, May 3 Monday, May 6 Tuesday, May 7 Thursday, May 9 Friday, May 10
Spring Commencement	Saturday, May 11

### Summer Session I (SSI) and Maymester (MM) 2024

SSI and MM classes begin	Wednesday, May 15
MM last day for late registration	Wednesday, May 15
SSI last day for late registration	Thursday, May 16
Holiday (Memorial Day). No classes	Monday, May 27
MM classes end/exams	Thursday, May 30 Friday, May 31
SSI classes end	Tuesday, June 18
Holiday (Juneteenth). No classes	Wednesday, June 19
SSI reading day	Thursday, June 20
SSI exam days	Friday, June 21 Saturday, June 22

### Summer Session II (SSII) 2024

SSII classes begin	Monday, June 24
SSII last day for late registration	Tuesday, June 25
Holiday (Independence Day). No classes	Thursday, July 4
SSII classes end	Thursday, July 25
SSII reading day	Friday, July 26
SSII exam days	Monday, July 29 Tuesday, July 30

# ABOUT UNC

## The University Catalog

*Although the publisher of this catalog has made every reasonable effort to attain factual accuracy herein, no responsibility is assumed for editorial or clerical errors or errors occasioned by mistakes. The publisher has attempted to present information which, at the time of preparation for publication, most accurately describes the course offerings, faculty listings, policies, procedures, regulations, and requirements of the University. However, it does not establish contractual relationships. The University reserves the right to alter or change any statement contained herein without prior notice.*

Published by the University of North Carolina at Chapel Hill, Chapel Hill, N.C.

## Accreditation

The University of North Carolina at Chapel Hill is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate, masters, educational specialist, and doctorate degrees. Degree-granting institutions also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of the University of North Carolina at Chapel Hill may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website (<http://www.sacscoc.org>).

## Mission Statement: The University of North Carolina at Chapel Hill

The University of North Carolina at Chapel Hill, the nation's first public university, serves North Carolina, the United States, and the world through teaching, research, and public service. We embrace an unwavering commitment to excellence as one of the world's great research universities.

Our mission is to serve as a center for research, scholarship, and creativity and to teach a diverse community of undergraduate, graduate, and professional students to become the next generation of leaders. Through the efforts of our exceptional faculty and staff, and with generous support from North Carolina's citizens, we invest our knowledge and resources to enhance access to learning and to foster the success and prosperity of each rising generation. We also extend knowledge-based services and other resources of the University to the citizens of North Carolina and their institutions to enhance the quality of life for all people in the State.

With *lux, libertas* — light and liberty — as its founding principles, the University has charted a bold course of leading change to improve society and to help solve the world's greatest problems.

*Approved by the UNC Board of Governors, November 2009, February 2014, July 2022*

## UNC's Commitment to Diversity and Inclusivity

UNC—Chapel Hill has a long-held tradition of striving for excellence. Quality education takes place among persons with differing social backgrounds, economic circumstances, personal characteristics, philosophical outlooks, life experiences, perspectives, beliefs, and

expectations. We at the University acknowledge that we face ongoing challenges to overcome the effects and influences of adverse historical, social, political, and economic factors. A critical element for any 21st century educational institution is a diverse, equitable, and inclusive community that functions in a global context. The historical, political, economic, and educational backgrounds of the University, the state, and the nation shape our present circumstances and inform the measures we must take to accomplish our highest aspirations. The University engages in teaching, research, and service to expand and discover knowledge, promote educational enlightenment, and improve understanding. We work to assure that we have a complement of students, faculty, and staff that broadly reflects the ways in which people differ. We speak of these differences as representing “diversity.”

UNC's commitment to inclusive excellence began in the 1960s through the support of minority programming and continues today through the work of the the University Office for Diversity and Inclusion (UODI) (<http://diversity.unc.edu>). The office is led by the vice provost for equity and inclusion, who serves as the chief diversity officer and advises the University community on diversity, equity and inclusion policies and issues. The office collaborates with University officers and campus units to identify and implement the tenets of the Strategic Plan; *Carolina Next: Innovations for Public Good*. The ultimate goal of both UODI and the University is to continue building an inclusive and equitable environment that values and respects the contributions of all members of the Carolina community.

## Policy on Prohibited Discrimination, Harassment and Related Misconduct Including Sexual and Gender-Based Harassment, Sexual Violence, Interpersonal Violence and Stalking (<https://policies.unc.edu/TDClient/2833/Portal/Shared/Search/?c=all&s=Policy+on+Prohibited+Discrimination%2C+Harassment+and+Related+Misconduct>)

The University is committed to providing an inclusive and welcoming environment for all members of our community. The University values safety, diversity, education, and equity and is firmly committed to maintaining a campus environment free from discrimination, harassment, and related misconduct. In accordance with its Policy Statement on Nondiscrimination, the University does not unlawfully discriminate in offering equal access to its educational programs and activities or with respect to employment terms and conditions on the basis of an individual's age, color, disability, gender, gender expression, gender identity, genetic information, race, national origin, religion, sex, sexual orientation, or veteran status (collectively referred to as “protected status”). The University's protection of these statuses is grounded in federal law. Federal law also governs the University's response to sexual assault, sexual violence, interpersonal violence (including domestic and dating violence), and stalking. Such acts violate the essential dignity of our community member(s) and are contrary to our institutional values.

For more information about the policy and procedures, visit the University's Policy on Prohibited Discrimination, Harassment and Related Misconduct Including Sexual and Gender-Based Harassment, Sexual Violence, Interpersonal Violence and Stalking, the University's



Policy Statement on Nondiscrimination, (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131717>) Nondiscrimination for Program Participants (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131707>), Nondiscrimination for Student Organizations (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131706>), or contact the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/>).

Equal Opportunity and Compliance Office  
214 W. Cameron Ave., Campus Box 9160  
Chapel Hill, NC 27599-9160  
Telephone: (919) 966-3576  
Email: [eoc@unc.edu](mailto:eoc@unc.edu)

## Policy Statement on Nondiscrimination: Educational and Employment Decisions

The University is committed to providing an inclusive and welcoming environment and to ensuring that educational and employment decisions are based on individuals' abilities and qualifications. Consistent with these principles and applicable laws, it is therefore the University's policy not to discriminate on the basis of age, color, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or veteran status as consistent with the University's Policy on Prohibited Discrimination, Harassment, and Related Misconduct. No person, on the basis of protected status, shall be excluded from participation in, be denied the benefits of, or be subjected to unlawful discrimination, harassment, or retaliation under any University program or activity, including with respect to employment terms and conditions. Such a policy ensures that only relevant factors are considered and that equitable and consistent standards of conduct and performance are applied.

## Resources for Information and Assistance

Individuals are encouraged to report incidents of prohibited conduct to the Equal Opportunity and Compliance Office, the Title IX Compliance Coordinator, the Report and Response Coordinators, the Office of the Dean of Students, or the UNC Department of Public Safety. As an alternative, an individual can also seek confidential assistance that does not involve notice to the University. If the conduct you have experienced is sexual violence or other criminal activity, including interpersonal (relationship) violence or stalking, you are also encouraged to report the incident to local law enforcement. See below for a comprehensive list of support and reporting options or refer to the University's Policy on Prohibited Discrimination, Harassment, and Related Misconduct (<https://policies.unc.edu/TDClient/2833/Portal/Shared/Search/?c=all&s=Policy+on+Prohibited+Discrimination%2C+Harassment+and+Related+Misconduct>).

## Reporting Options

UNC Department of Public Safety (<http://dps.unc.edu>)  
(919) 962-8100

Equal Opportunity and Compliance Office (<http://eoc.unc.edu>)  
214 W. Cameron Avenue  
(919) 966-3576

*Associate Vice Chancellor for Equal Opportunity and Compliance/Title IX Coordinator*  
Elizabeth Hall  
[cehall@email.unc.edu](mailto:cehall@email.unc.edu)

(919) 445-1297

*Director of Equal Opportunity/Americans with Disabilities Act (ADA) Coordinator*  
Tiffany Bailey  
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The Office of the Dean of Students (<http://deanofstudents.unc.edu>)

1106 Student and Academic Services Building North  
(919) 966-4042  
odos@unc.edu

## Confidential Resources

Carolina Ethics Line (<https://secure.ethicspoint.com/domain/media/en/gui/10808/>)

The University's Compliance Line, now called Carolina Ethics Line, is a secure method through which to submit an anonymous report regarding academic matters, athletics, financial improprieties, faculty and staff matters, health care, information technology, research, risk and safety, student affairs, or other matters either online or by telephone. All reports submitted through Carolina Ethics Line will be given careful attention by appropriate UNC–Chapel Hill offices and officials. Anyone filing a report via Carolina Ethics Line should retain the report key and password and return to the website within 10 working days to check for comments or followup questions.  
(866) 294-8688 (toll free)

Campus Health Services (<https://campushealth.unc.edu>)  
(919) 966-2281

UNC Hospital Emergency Room (<http://www.med.unc.edu/emergmed/>)  
(984) 974-4721

Counseling and Psychological Services (<https://campushealth.unc.edu/services/counseling-and-psychological-services/>)  
(919) 966-3658

University Ombuds Office (<http://ombuds.unc.edu>)  
(919) 843-8204

Gender Violence Services (<http://womenscenter.unc.edu/resources/gender-violence-services/>)  
Cassidy Johnson, Coordinator  
(919) 445-5008  
gvsc@unc.edu

Holly Lovern, Coordinator  
(919) 962-7430  
gvsc@unc.edu

Kayla Zollinger, Coordinator  
(919) 962-1343  
gvsc@unc.edu

Compass Center for Women and Families (<https://www.compassctr.org/>)  
(919) 929-7122 (24-hour hotline)

ComPsych Employee Assistance Program (<http://guidanceresources.com>)  
(877) 314-5841 (24 hours)

Orange County Rape Crisis Center (<http://ocrcc.org>)  
(919) 968-4647 (local number)  
(866) 935-4783 (24-hour hotline, toll free)  
(919) 967-7273 (24-hour hotline, local number)  
(919) 338-0746 (TTY)

## Graduation Rate

Pursuant to the federal Student Right-to-Know Act, we report that, in 2021–2022, the six-year completion or graduation rate for undergraduates who entered the University of North Carolina at Chapel Hill in 2016 on a full-time basis was 91.1 percent.

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# UNC-CHAPEL HILL: AN INTRODUCTION

The University of North Carolina at Chapel Hill is the most comprehensive institution in North Carolina, both in the range of its programs at all levels and in the breadth of its specialized research and public service programs. Its 14 schools and the College of Arts and Sciences provide instruction in more than 100 fields, offering 74 bachelor's, 104 master's, 65 doctoral, and 7 professional degrees, as well as 16 certificates, in academic areas critical to North Carolina's future: business, dentistry, education, information and library science, media and journalism, government, law, medicine, nursing, pharmacy, public health, and social work, among others.

Since 1795, when its doors first opened to students, the University has remained faithful to its founders' charge to duly encourage and promote all useful learning for the betterment of humanity.

The University was anticipated by a section of the first state constitution drawn up in 1776 directing the establishment of "one or more universities" in which "all useful learning shall be duly encouraged and promoted." State support, it directed, should be provided so that instruction might be available "at low prices." The American Revolution intervened, and it was not until 1789, the year that George Washington became president of the new nation, that the University was chartered by the General Assembly. Despite constitutional instructions to the contrary, no state appropriations were made, and the trustees were left to secure land and money themselves. On October 12, 1793, the cornerstone was laid for a brick building on a hilltop near the center of the state amidst the colorful fall foliage of dogwood, oak, and tulip trees.

The site, lying at the crossing of north-south and east-west roads, was marked only by a small Anglican chapel that soon shared part of its name — New Hope Chapel Hill — with the community that developed there. Legislator and trustee William R. Davie, who had been instrumental in securing passage of the charter, took the lead in organizing the University. Davie presided over the Masonic ritual of the laying of the cornerstone. In time he came to be called "the Father of the University." Many years later a large poplar or tulip tree, first mentioned in 1818 and still standing near the center of the old campus, was called Davie Poplar in his honor.

The first building and, indeed, the only building for two years, was a two-story brick structure that came to be called Old East. It is now a National Historic Landmark, the oldest state university building in America. Opened to students on January 15, 1795, the University of North Carolina received its first student, Hinton James of New Hanover County, on February 12. By March there were two professors and 41 students present.

The second state university did not begin classes until 1801, when a few students from nearby academies assembled under a large tree at Athens, Georgia, for instruction. By then four classes had already been graduated at Chapel Hill, and there were to be three more before the first diplomas were issued in Georgia. The next building on the Carolina campus was Person Hall, begun in 1796 and long used as the chapel. The cornerstone of Main or South Building was laid in 1798. All three are older than any other American state university building.

## The Young University

During the early 19th century the trustees began a period of strong support in the development of the young University. Even though their

proclaimed initial goal for the University had been to provide trained leadership for the state, the curriculum followed the customary classical trend. In 1815, however, the natural sciences were given equal place, and in the 1820s Professors Denison Olmstead and Elisha Mitchell prepared the nation's first geological survey. In 1831 the first astronomical observatory at a state university was built under the direction of President Joseph Caldwell. Student enrollment increased steadily, and by 1860 only Harvard, Yale, and the University of Virginia had more students.

Young men from many states came to Chapel Hill for their education, particularly those from families who had recently left North Carolina to settle elsewhere in the South. The University of North Carolina provided governors not only for North Carolina but also for many other states; countless professions and occupations were represented among its graduates, including cabinet members, clergymen, diplomats, engineers, geologists, judges, legislators, surveyors, teachers, and a president and a vice president of the United States.

Though the Civil War closed many colleges and universities, the University at Chapel Hill remained open throughout the war, though its students were few. During Reconstruction, however, it was closed from 1870 until 1875. When it reopened, the University's leadership began to inaugurate programs that once again marked it as a leading university.

The General Assembly in 1931 consolidated the University with the Woman's College at Greensboro and North Carolina State College at Raleigh under a single board of trustees. As an economy measure during the Depression and as a means of eliminating duplication, the trustees allocated each unit specific roles in higher education for the state. The offices of the Consolidated University were established on the Chapel Hill campus and University President Frank Porter Graham became the Consolidated University's first president.

The period of the Depression in the 1930s saw a great deal of new construction on the campus as federal funds became available to create jobs for the unemployed. New dormitories, classroom buildings, a gymnasium, and other buildings and improvements were built in part from this source. World War II also resulted in some new construction and alterations on campus as the University's facilities were used to train military personnel.

Expansion continued throughout the 20th century, and today UNC—Chapel Hill ranks among the great institutions of higher education in the nation. Beginning with one building, 41 students, and two professors, the University has now grown to more than 300 buildings, 30,011 students annually, and 3,887 faculty members.

## Top Rankings

The University has been recognized for the quality of its undergraduate and graduate programs in every national survey conducted in the last third of the 20th century and into the 21st. *U.S. News and World Report's* survey of American colleges and universities consistently ranks the University among the best colleges in the nation and among the top research universities.

These accolades reflect the quality of the curriculum and of the faculty, whose research orientation allows them to share with their students not only the thrill of discovery but also the latest advancements and new knowledge. Another asset that contributes to this reputation is UNC—Chapel Hill's superb library system containing more than nine million print and electronic volumes. It is ranked among the top research libraries in the United States and Canada by the Association of Research Libraries.



## Commitment to Diversity

The University of North Carolina at Chapel Hill strives for excellence both in academic engagement and co-curricular support. Sustaining a diverse and inclusive community is critical to achieving educational excellence.

### Framework for Understanding Diversity, Equity, and Inclusion at UNC–Chapel Hill

The work of the University in the 21st century functions in a global context. The historical, political, economic, and educational backgrounds of the University, the state, and the nation shape our present circumstances and inform the measures we must take to accomplish our highest aspirations. We acknowledge that we face an ongoing challenge to overcome the effects and influences of adverse historical, social, political, and economic factors. The University engages in teaching, research, and service to expand and discover knowledge, promote educational enlightenment, and improve understanding with the ultimate end of uplifting humankind. Education takes place most productively among persons with differing social backgrounds, economic circumstances, personal characteristics, philosophical outlooks, life experiences, perspectives, beliefs, and expectations. The University works to assure that we have a complement of students, faculty, and staff that broadly reflects the ways in which people differ. We believe that “diversity matters” within and beyond the campus community.

UNC–Chapel Hill’s commitment to inclusive excellence began in the 1960s through the support of minority programming and continues today through the establishment of the University Office for Diversity and Inclusion (UODI).

The University Office for Diversity and Inclusion (<https://diversity.unc.edu/>) serves as a resource to the entire Carolina campus and partners with all student, faculty, staff, and organizational entities. UODI collaborates with University officers and campus units to identify and implement strategies and initiatives for achieving the goals of increased diversity, with the goal of building an inclusive and equitable environment that values and respects the contributions of students, faculty, and staff. UODI provides diversity education, opportunities, and development for faculty, staff, students, and community members; develops, implements, and supports recruitment and leadership programs that facilitate access and retention and promote inclusive excellence across institutional segments (e.g., student enrollment, faculty hiring, staff development); conducts diversity research, assessment, and reporting to generate and inform the campus and beyond on diversity-related issues; and provides consultation and project management to promote and enhance diversity and community engagement.

Partnerships and collaborations with vice chancellors, deans, and other unit heads are leveraged to accomplish the University’s goals for establishing diversity within the faculty, staff, and student cohorts and for fulfilling the public university mission of service, outreach, and engagement. Additional information can be found at [diversity.unc.edu](http://diversity.unc.edu) (<http://diversity.unc.edu>).

# THE UNC SYSTEM

## History of the University

In North Carolina all the public educational institutions that grant baccalaureate degrees are part of the University of North Carolina. The University of North Carolina at Chapel Hill is one of the constituent institutions of the multicampus state university.

The University of North Carolina, chartered by the North Carolina General Assembly in 1789, was the first public university in the United States to open its doors and the only one to graduate students in the 18th century. The first class was admitted in Chapel Hill in 1795. For the next 136 years the only campus of the University of North Carolina was at Chapel Hill.

In 1877 the North Carolina General Assembly began sponsoring additional institutions of higher education, diverse in origin and purpose. Five were historically black institutions, and another was founded to educate Native Americans. Several were created to prepare teachers for the public schools. Others had a technological emphasis. One is a training school for performing artists.

In 1931 the North Carolina General Assembly redefined the University of North Carolina to include three state-supported institutions: the campus at Chapel Hill (now the University of North Carolina at Chapel Hill), North Carolina State College of Agriculture and Engineering at Raleigh (now North Carolina State University), and the North Carolina College for Women (Woman's College) at Greensboro (now the University of North Carolina at Greensboro). The new multicampus University operated with one board of trustees and one president. By 1969 three additional campuses had joined the University through legislative action: the University of North Carolina at Charlotte, the University of North Carolina at Asheville, and the University of North Carolina at Wilmington.

In 1971 the General Assembly passed legislation bringing into the University of North Carolina the state's 10 remaining public senior institutions, each of which had until then been legally separate: Appalachian State University, East Carolina University, Elizabeth City State University, Fayetteville State University, North Carolina Agricultural and Technical State University, North Carolina Central University, North Carolina School of the Arts, Pembroke State University, Western Carolina University, and Winston-Salem State University. This action created a 16-campus University. In 1985 the North Carolina School of Science and Mathematics, a residential high school for gifted students, was declared an affiliated school of the University, and it became the 17th constituent institution.

The UNC Board of Governors is the policy-making body legally charged with "the general determination, control, supervision, management, and governance of all affairs of the constituent institutions." It elects the president, who administers the University. The 32 voting members of the board are elected by the North Carolina General Assembly for four-year terms. Former board chairs and board members who are former governors of North Carolina may continue to serve for limited periods as nonvoting members emeriti. The president of the UNC Association of Student Governments, or that student's designee, is also a nonvoting member. The UNC System Office (<http://www.northcarolina.edu/>) is in Chapel Hill, NC.

Each of the 17 institutions is headed by a chancellor, who is chosen by the Board of Governors on the president's nomination and is responsible to the president. Each institution has a board of trustees, consisting of eight members elected by the Board of Governors, four appointed by the

governor, and the president of the student body, who serves ex officio. (The North Carolina School of the Arts has two additional ex officio members.) Each board of trustees holds extensive powers over academic and other operations of its institution on delegation from the Board of Governors.

## The UNC System Office

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*President*

**Norma Houston**

*Chief of Staff*

**Michael Vollmer**

*Chief Operating Officer*

**Kimberly van Noort**

*Senior Vice President, Academic Affairs  
and Chief Academic Officer*

**Jennifer Haygood**

*Senior Vice President, Finance and Administration  
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**Darrell Bass**

*Senior Vice President, Human Resources  
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*Senior Vice President, Strategy and Policy*

**Andrew Tripp**

*Senior Vice President, Legal Affairs and General Counsel*

**Bart Goodson**

*Senior Vice President, Government Relations*

**Thomas Walker**

*Senior Advisor, Economic Development and Military Affairs*

**Andrea Poole**

*Executive Director, North Carolina State Education Assistance Authority*

## The University of North Carolina: Constituent Institutions Universities

Appalachian State University (<http://www.appstate.edu/>)

East Carolina University (<http://www.ecu.edu/>)

Elizabeth City State University (<http://www.ecsu.edu/>)

Fayetteville State University (<http://www.uncfsu.edu/>)

North Carolina Agricultural and Technological State University (<http://www.ncat.edu/>)

North Carolina Central University (<http://www.nccu.edu/>)

University of North Carolina School of the Arts (<http://www.uncsa.edu/>)

North Carolina State University (<http://www.ncsu.edu/>)

University of North Carolina at Asheville (<http://www.unca.edu/>)

University of North Carolina at Chapel Hill (<http://www.unc.edu/>)

University of North Carolina at Charlotte (<http://www.uncc.edu/>)

University of North Carolina at Greensboro (<http://www.uncg.edu/>)

University of North Carolina at Pembroke (<http://www.uncp.edu/>)

University of North Carolina at Wilmington (<http://www.uncw.edu/>)

Western Carolina University (<http://www.wcu.edu/>)

Winston-Salem State University (<https://www.wssu.edu/>)

## **High School**

North Carolina School of Science and Mathematics (<http://www.ncssm.edu/>)

# ADMISSIONS

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The University Catalog contains information about admission requirements, placement tests, transfer of credit, readmission, online/self-paced/part-time studies, and summer orientation sessions.

**Undergraduate students.** The Office of Undergraduate Admissions (<http://admissions.unc.edu/>) serves students interested in continuing their education at the University of North Carolina at Chapel Hill. Applications from all students are accepted and considered with care and respect.

Admission to the University of North Carolina at Chapel Hill is competitive. Although all 16 public universities in North Carolina share the same minimum course and admission requirements, which are published on the University of North Carolina's website (<http://www.northcarolina.edu>), these minimum credentials do not guarantee admission to the University of North Carolina at Chapel Hill, and successful candidates typically exceed them. The Office of Undergraduate Admissions follows all regulations and guidance from the UNC System as outlined in the UNC Policy Manual and Code. (<https://www.northcarolina.edu/apps/policy/?tab=policy#policy-tab>) The policies listed below derive from section 700.1.1 and relevant subpages.

**Graduate students.** Admission to Graduate School academic programs (<http://gradschool.unc.edu/admissions/>) is competitive and students are selected on the basis of their academic preparation, ability, and program fit. For some programs, an on-site preadmissions interview may be required. Early contact with your program of interest can be helpful in preparing your application.

# UNDERGRADUATE ADMISSIONS

## Admission Requirements

In evaluating candidates for admission, the University seeks an entering class whose collective strengths will foster excellence within the University community; enhance the education of everyone within it; provide for the leadership of the educational, governmental, scientific, business, humanistic, artistic, and professional institution of the state, nation, and world; and enrich the lives of all the people of North Carolina.

The University evaluates individual candidates rigorously, holistically, and compassionately. The members of the admissions committee seek to assess the ways in which each candidate will likely contribute to the campus community and enable the University to fulfill its mission. The qualities we seek include intellect, talent, curiosity, and creativity; leadership, kindness, and courage; honesty, perseverance, perspective, and diversity. Although we expect each successful candidate to demonstrate strength in many of these areas, we do not expect every candidate to be equally strong in all of them. Just as there is no formula for admission, there is no list of qualities or characteristics that every applicant must present.

In evaluating each candidate's academic record, the admissions committee considers not only the student's grades but also the courses attempted. Although each candidate's academic record and standardized test scores, if submitted, are important elements in the admissions decision, the candidate's essays, letter(s) of recommendation, accomplishments outside the classroom, and personal qualities are also carefully considered. We understand that students travel many different roads to get to Carolina, and we celebrate the variety of interests, backgrounds, and aspirations that they bring with them. At the same time, it's fair to say that we seek excellence. We consider everything that a student submits as part of their application to try and understand not only their achievements and potential, but the context in which those achievements occurred and potential forged.

By their anticipated date of enrollment, candidates for admission must have graduated from secondary school or have their GED or high school equivalent diploma.

## Items Necessary for a Complete Application

### First-Year Admission

In addition to the completed application, which includes the nonrefundable application fee (or approved fee-waiver), accomplishments and activities outside of the classroom, and required essays, students are expected to submit the following materials:

- Official transcript(s) from all secondary schools attended, including summer sessions and including any online or distance-education classes. Transcripts must be sent directly from the educational institution to the Office of Undergraduate Admissions.
- Applicants must self-report college-level coursework and grades not reported on an official high school transcript. Official college transcripts are required from all enrolling students. Transcripts must be sent directly from the educational institution to the Office of Undergraduate Admissions.

- School report and one teacher recommendation (If the candidate is in his or her first year at a new school, a recommendation from the previous school is suggested.)
- University of North Carolina system institutions, which include the University of North Carolina at Chapel Hill, have a standardized testing waiver in place through fall 2024. First-year applicants have the option to self-report SAT and/or ACT scores with their application. If a student chooses to self-report their test scores, the student is admitted and chooses to enroll, then the student is required to have the testing service send their official scores to the Office of Undergraduate Admissions by the stated deadline.
- Applicants who plan to claim North Carolina residency are also required to submit a residency application with the North Carolina Residency Determination Service (RDS), (<https://ncresidency.cfnc.org/residencyInfo/>) and to provide a Residency Classification Number (RCN). (<https://ncresidency.cfnc.org/residencyInfo/>)
- Enrolling first-year students may also need to submit and complete a background check as required by UNC System policy. ([https://www.northcarolina.edu/apps/policy/?tab=policy\\_manual](https://www.northcarolina.edu/apps/policy/?tab=policy_manual))
- Any additional items or information requested in the application or by the Office of Undergraduate Admissions.

As part of the first-year application, students have the option of expressing interest in being considered for Carolina Global Launch (CGL) in the case that we will not be able to offer admission for the fall semester. Expressing interest in CGL does not impact that student's consideration for fall admission. CGL provides the opportunity to study abroad during the fall semester and then have guaranteed enrollment as a transfer student to Carolina for the spring semester upon successful completion of CGL.

The Office of Undergraduate Admissions, at its discretion, may deny admission to students who submit completed applications but who do not provide one or more of the materials listed above.

In addition to these materials, applicants may submit information that will enhance the University's understanding of their background and preparation for college.

## Transfer Admission

Students are considered transfer applicants if they have attended one or more post-secondary institutions after graduating from secondary school or who are active-duty service members or military veterans. Students who are graduating from a Cooperative Innovative High School (<https://admissions.unc.edu/faqs/what-is-a-north-carolina-cooperative-innovative-high-school/>) in North Carolina (commonly referred to as Early College Programs) and who are simultaneously earning a high school diploma and an associate degree may apply for either first-year or transfer admission. Students may apply for transfer admission by following the instructions available at the Office of Undergraduate Admissions (<https://admissions.unc.edu/apply/types-of-applications/transfer/>).

In addition to the completed application, which includes the nonrefundable application fee (or fee-waiver request), accomplishments and activities outside of the classroom, and required essays, students are expected to submit the following materials:

- Official transcript(s) from all colleges attended, including summer sessions and including any online or distance-education classes, regardless of whether college credit was earned or will transfer.

Transcripts must be sent directly from the educational institution to the Office of Undergraduate Admissions.

- Official secondary school transcript(s) or GED or a high school equivalency diploma. Transcripts must be sent directly from the educational institution to the Office of Undergraduate Admissions.
- The fall and, if applicable, winter grades should be submitted to the Office of Undergraduate Admissions as soon as they become available. An application will be considered incomplete without them.
- Any items or information requested by programs requiring additional material for admission.
- Recommendation letter (academic, personal, or professional)
- University of North Carolina system institutions, which include The University of North Carolina at Chapel Hill, have a standardized testing waiver in place through fall 2024. Transfer applicants have the option to self-report SAT and/or ACT scores with their application. If a student chooses to self-report their test scores, the student is admitted and chooses to enroll, then the student is required to have the testing service send their official scores to the Office of Undergraduate Admissions by the stated deadline.
- Applicants who plan to claim North Carolina residency are also required to submit a residency application with the North Carolina Residency Determination Service (RDS) (<https://ncresidency.cfnc.org/residencyInfo/>), and to provide a Residency Classification Number (RCN). (<https://ncresidency.cfnc.org/residencyInfo/>)
- Enrolling transfer students may also need to submit and complete a background check as required by UNC System policy. ([https://www.northcarolina.edu/apps/policy/?tab=policy\\_manual](https://www.northcarolina.edu/apps/policy/?tab=policy_manual))
- Any additional items or information requested in the application or by the Office of Undergraduate Admissions

The Office of Undergraduate Admissions, at its discretion, may deny admission to students who submit completed applications but who do not provide one or more of the additional materials listed above.

In addition to these materials, applicants may submit information that will enhance the University's understanding of their background and preparation for college.

## Standardized Testing

In accordance with University policy, as well as procedures approved by the Advisory Committee on Undergraduate Admissions, members of the admissions committee evaluate each candidate rigorously, holistically, and compassionately, with an eye towards assessing the candidate's capacity to contribute to the campus community that will enable the University to fulfill its mission. If the evaluation includes the results of standardized testing, these results do not constitute the sole or main criterion for admission. There are no cutoff or threshold scores – outside of the minimum admission requirements (MAR) set by the UNC system – that is, no scores below which candidates are automatically denied admission, and no scores above which they are automatically offered admission. Instead, results from standardized testing represent one factor among many. For more about the role of tests in admissions, please see the Office of Undergraduate Admissions (<https://admissions.unc.edu/faq/category/testing/>). (<https://admissions.unc.edu/faq/category/testing/>)

## High School Course Requirements

Students interested in attending the University should pursue a challenging high school curriculum. Such a curriculum will typically include at least five academic courses during each year of high school

– preferably one each in the core disciplines of English, mathematics, social science, natural science, and foreign language. We also encourage our candidates to take at least five of the most rigorous courses available to them, including college-level courses offered through programs such as Advanced Placement, International Baccalaureate, Cambridge, dual-enrollment, or other college-level programs. In evaluating academic performance in such a curriculum, we pay less attention to class rank and grade point average than we do to grades and to trends and patterns in grades.

To be eligible for admission, a student should present a minimum of 16 units of high school coursework within the five traditional academic areas – English, mathematics, physical and biological sciences, social sciences, and foreign languages. To be eligible for admission, a student needs to meet the UNC System's Minimum Admissions Requirements (MAR) and Minimum Course Requirements. Admission to Carolina is competitive, and successful applicants typically go far beyond these minimum requirements.

Students who challenge themselves with the rigorous courses available to them, such as Advanced Placement (AP), Dual Enrollment (DE), International Baccalaureate (IB), Cambridge, and other advanced or college-level work, tend to be more prepared to succeed in college.

All students will be expected to have completed the pre-university curriculum (e.g. A Levels, Baccalaureate) in their country prior to enrolling at Carolina. Because we receive applications from students applying from high schools across the world, we see a variety of curriculums and grading scales. We do not convert grades into a standard scale. Instead, we review each application individually and consider how each student has challenged themselves within the context of their school and how they have performed in those courses.

We do not have a preference on what type of college-level curriculum students take; we encourage you to take the courses that best align with your academic journey. We encourage students to ensure they are getting a solid grounding in each of the core curricular areas (English, mathematics, natural science, social science, and foreign language).

## Placement

Since admitted students will take placement exams in foreign language (<https://languageplacement.unc.edu/>), candidates should consider continuing in advanced foreign language courses during their final year in high school even if they have already met the minimum requirements.

Placement in certain courses during students' first semester at the University will be based on their performance on placement tests. Students may also receive credit for University courses based on dual-enrollment courses taken during high school. Although the student will take placement exams in some subjects at the University before the first semester begins, it is to the student's advantage to take placement tests in high school, especially those accepted by the University for placement purposes. For mathematics placement, (<https://lindagreen.web.unc.edu/math-placement-tests/aleks-placement-test-for-algebra-and-precalculus/>) the Department of Mathematics strongly recommends that enrolling students arrange to take the Aleks placement exam (<https://lindagreen.web.unc.edu/math-placement-tests/aleks-placement-test-for-algebra-and-precalculus/>) through the Mathematics Department, ACT, AP, or IB exams; although these tests are not required for admission, many majors at Carolina require a quantitative reasoning course for which a mathematics placement score is necessary. Foreign language placement may be based on University placement, AP, or IB exams. For English placement, students are required to take either

English 105 at the University, or present an equivalent transferable course from another college or university. Students are also encouraged to take standardized tests that are recognized for placement in other subject areas.

## Dual Enrollment at UNC–Chapel Hill for High School Students

All courses attempted at UNC–Chapel Hill, including but not limited to summer session courses and dual-enrollment courses attempted while a student is still in secondary school, will be included in the student’s UNC–Chapel Hill grade point average.

### N.C. Cooperative Innovative High School (Early College) Graduates

Students who graduate from a Cooperative Innovative High School (also known as “Early College”) in North Carolina and who are simultaneously earning a high school diploma and a qualifying associate degree may apply either as first-year or as transfer candidates. For more information, please see the Office of Undergraduate Admissions. (<https://admissions.unc.edu/faq/category/cooperative-innovative-high-schools/>)

### Home-Schooled Students

The University welcomes applications from students schooled at home and imposes on those students no special or additional requirements for admission. At the same time, since the credentials of home-schooled students may lack some or most of the contextualizing information typically found in the credentials of students schooled in more traditional settings, many home-schooled students take steps to contextualize and clarify their achievement and potential.

In recent years these steps have included taking courses at local colleges or community colleges; joining community organizations; providing samples of academic projects (for example, essays or research papers) and detailed descriptions of courses; sending recommendations from non-family members who know candidates well and can comment specifically on their capacity for advanced academic work; and taking and submitting optional supplemental exams recognized by the University.

## College Board Placement Tests

The University recognizes, for placement and degree credit, satisfactory scores on the College Board Advanced Placement, International Baccalaureate, and certain global exams, such as Cambridge A-Levels, offered across the world. For more information, please visit the Office of Undergraduate Admissions (<https://admissions.unc.edu/credit-type/test-credit/>).

## Transfer Candidates

Applicants’ eligibility to return to previous institutions may be considered in their evaluation. Students who have less than a C average (2.0 on a 4.0 scale) may complete courses at another university to raise their grade point average to the point where they may be considered for transfer admission to the University. Courses attempted through any academic program at UNC–Chapel Hill cannot be used to increase a student’s grade point average for the purpose of establishing transfer eligibility.

Once an applicant is admitted as a transfer student, all course credits taken at UNC–Chapel Hill, including summer courses taken prior to fall enrollment, become part of the student’s official transcript, and grades received are included in the grade point average.

## Transferred Semesters

The University calculates transferred semesters based on the number of transfer credit hours accepted by UNC–Chapel Hill, not based on the number of semesters in which the student was enrolled at other colleges. For each 15 hours transferred upon enrollment, the student is considered to have completed the equivalent of one UNC–Chapel Hill semester. Excluded from this calculation are transfer hours awarded for courses taken concurrent with high school, summer enrollment at UNC–Chapel Hill immediately before the first semester of full-time degree-seeking enrollment, and any credit awarded by exams, such as Advanced Placement or International Baccalaureate exams.

Although all students at UNC–Chapel Hill are expected to graduate within eight total semesters of post-secondary enrollment, transfer students who enter with two transfer semesters (30 or more transferable hours) may enroll in up to 10 total semesters. For additional information, see “Calculation of Transferred Semesters Based on the Number of Transferred Credit Hours” in the Credit and Evaluation (<https://catalog.unc.edu/policies-procedures/credit-evaluation/>) section and Undergraduate Degree Requirements (<https://catalog.unc.edu/undergraduate/degree-requirements/#requirementstext>).

Specifically:

- A new transfer student with fewer than 15.0 transferable credit hours will be regarded as having completed no semesters and will have first-year standing upon enrollment at UNC–Chapel Hill.
- A new transfer student having between 15.0 and 29.9 transferable credit hours will be regarded as having completed one semester and will have first-year standing upon enrollment at UNC–Chapel Hill.
- A new transfer student having between 30.0 and 44.9 transferable credit hours will be regarded as having completed two semesters and will have sophomore standing upon enrollment at UNC–Chapel Hill.
- A new transfer student having between 45.0 and 59.9 transferable credit hours will be regarded as having completed three semesters and will have sophomore standing upon enrollment at UNC–Chapel Hill.
- A new transfer student having between 60.0 and 75.0 transferable credit hours will be regarded as having completed four semesters and will have junior standing upon enrollment at UNC–Chapel Hill.

Offers of admission typically are extended before an applicant’s transfer credit can be fully evaluated. As a result, while transfer students are advised of their likely classification at the point of admission, this classification is provisional until confirmed by notification of transfer credits earned.

## Transfer of Credit

The University will award credit for a course from another college or university when the student has earned a grade of C or its equivalent and when a similar course is offered by the University. Courses whose grades are reported on a scale other than A-F, such as pass/fail, will earn credit only if the transferring institution verifies that the passing grade represents achievement at the level of C or higher. Courses with final grades of C- or below (or the equivalent, if reported on a scale other than A-F) will not earn credit and will not satisfy University requirements. Courses completed in units other than semester hours will be converted to semester hours.

Students may receive no more than 75 total semester hours of credit for courses transferred from other colleges or universities. Credits earned

by exam through Advanced Placement, International Baccalaureate, and similar programs are not included in this limit. However, test credit only can be used to fulfill a maximum of 5 Focus Capacities in the Ideas in Action (<https://ideasinaction.unc.edu/>) curriculum. Remaining hours can fulfill other requirements such as course prerequisites.

When a student has completed more than 75 transferable semester hours, credit will be awarded in this order:

- For courses that equate directly with specific courses in the UNC–Chapel Hill curriculum;
- For courses that do not equate directly with specific courses but are comparable to elective courses offered by UNC–Chapel Hill departments.

Courses that equate directly with specific courses in the UNC–Chapel Hill curriculum will fulfill the same course requirements as their equivalents at UNC–Chapel Hill, unless specifically identified otherwise at the time of the initial awarding of credit. Other transferable courses may not fulfill course requirements but may count towards the total semester hours required for graduation.

The Office of Undergraduate Admissions reviews and awards transfer credit to enrolling students based on their official transcripts. The admissions office typically cannot award credit for professional courses or courses taken from non-accredited colleges and universities. The admissions office may be able to award credit to enrolling students for courses from colleges and universities outside the United States, provided the college or university is recognized by the appropriate higher-education authority or government agency, and provided students submit their official transcripts and evaluations of those transcripts from World Education Services (WES®).

The Office of Undergraduate Admissions cannot award credit to currently enrolled UNC–Chapel Hill students for courses taken while participating in an exchange or study-abroad program. Credit for such courses must be approved before the program begins by the UNC Study Abroad Office or the UNC school sponsoring the program, and credit will be awarded after the program ends and official transcripts have been received. The admissions office may be able to award transfer credit to students for study-abroad courses they completed before enrolling at UNC–Chapel Hill, provided they completed the courses while attending colleges and universities in the United States, and provided the courses are reported on the official transcripts of their U.S. institutions.

An enrolling or enrolled student may request a review of transfer credit awarded or denied by the Office of Undergraduate Admissions by submitting course descriptions and syllabi through the ConnectCarolina Student Center no later than the last day of classes during the student's second semester in residence at the University. In those rare instances when a later change in transfer credit will enable a student to graduate on time, the student must appeal to the Office of Undergraduate Admissions. In the absence of such a request by a student, the University will not review or change transfer credit that has been awarded by the admissions office after the first day of the student's first semester in residence, except to correct clerical or other errors that may negatively affect the student.

## Reverse Transfer (UNC–Chapel Hill and the NC Community College system)

The University honors the official Comprehensive Articulation Agreement (CAA) with the North Carolina Community College System. Students who transfer to UNC–Chapel Hill from a North Carolina community college

may transfer credit earned at UNC to fulfill their degree requirements at the community college. They may subsequently use the associate degree to fulfill all of the University's lower-division general education requirements, Ideas in Action (<https://ideasinaction.unc.edu/>), with the exception of Global Language, Research and Discovery, Lifetime Fitness, Communication Beyond Carolina, Campus Life Experience, provided they complete the steps below:

- Consult with an academic advisor at their North Carolina community college to identify UNC–Chapel Hill courses that will satisfy the remaining requirements for the associate degree in accordance with the reverse transfer program;
- Meet with their UNC–Chapel Hill academic advisor during their first full-time semester at UNC–Chapel Hill to discuss their intent to fulfill the University's general education requirements through reverse transfer;
- Provide proof from the community college of the associate degree before the beginning of the third semester of full-time enrollment at UNC–Chapel Hill, whether fall or spring.

For more information on Reverse Transfer please visit the UNC System Office website (<https://www.northcarolina.edu/current-students/reverse-transfer/faqs-for-students/>).

The University will consult two publications when settling questions concerning the transfer of credit: Transfer Credit Practices, published by the American Association of Collegiate Registrars and Admissions Officers, and Accredited Institutions of Post-Secondary Education, published by the American Council on Education.

## Military-Affiliated Students

We welcome applications from veterans of the United States military, active-duty servicemen and women, and their dependents. Veterans and those who remain on active duty may earn University credit for their military education and training, depending upon their experience. Military veterans or those on active duty will be eligible to have the application fee waived and may qualify for the military tuition benefit, which allows them to attend the University at the in-state tuition rate. Students who are eligible for GI Bill or other veteran education benefits must apply directly to the U.S. Department of Veterans Affairs for these funds.

For more information, please visit the Office of Undergraduate Admissions (<https://admissions.unc.edu/apply/types-of-applications/military-and-veterans/>).

## Application and Notification Deadlines

First-year applicants may apply for admission by choosing one of two deadlines, neither of which is binding. The Office of Undergraduate Admissions does its best to evaluate applications similarly across the two deadlines but cannot guarantee complete consistency between the two, since earlier decisions are made before the size and strength of the entire applicant pool is known.

Decisions will be posted securely online for all applicants. For the latest first-year admission deadlines and notification dates, please visit the Office of Undergraduate Admissions (<https://admissions.unc.edu/apply/decisions/>).

The application deadline and notification dates for sophomore and junior admission to the College of Arts and Sciences and the Hussman School of Journalism and Media are available at the Office of Undergraduate Admissions (<https://admissions.unc.edu/apply/decisions/>). The



admission deadlines and notification dates for transfer applicants to the professional schools with programs in business administration, clinical laboratory science, dental hygiene, human development and family studies, information and library science, nursing, public health: biostatistics, public health: environmental health science, public health: health policy and management, public health: nutrition, and radiologic science vary by department. Please contact the specific department (<https://admissions.unc.edu/apply/types-of-applications/transfer-direct-admission-programs/>) for additional information.

## Programs with Limited Admissions

Only a small number of transfer students will be admitted to programs with limited admissions such as biomedical engineering, business administration, and computer science. Students interested in one of these fields may wish to consider another major as a second choice; however, even if admitted to an alternate program, students cannot be guaranteed subsequent admission to their first choice of major. In addition, notification of acceptance to these programs could be later than for other programs.

## Health Program Majors

Early applications for these programs are encouraged. After completion of the fall semester, a transcript of that semester's work should be submitted. Applicants should also contact the specific department for additional application materials and specific program requirements.

Junior transfer applicants for the pharmacy program must apply directly to the School of Pharmacy. Junior transfer applicants also must provide Pharmacy College Admission Test scores as part of the application. Sophomore students must apply directly to the Office of Undergraduate Admissions.

## Appeals of Admissions Decisions

For information on appealing an admissions decision, refer to the Admissions Appeal Procedure in the Admissions Policy (<https://catalog.unc.edu/admissions/undergraduate/#admissionspolicytext>) section of this catalog.

## Confirmation of Acceptance

The University requires a nonrefundable enrollment deposit, due by May 1 for first-year admission and Carolina Global Launch admission or May 15 for transfer admission, or within two weeks of receipt of the admission decision for students admitted after these dates.

Degree-seeking students who wish to start their studies during the summer must pay their fall term enrollment deposit and then complete the process for requesting a summer start through the Office of Undergraduate Admissions. Information on enrolling in summer school prior to starting at Carolina in the fall can be found on the Office of Undergraduate Admissions (<https://admissions.unc.edu/faq/category/summer-school/>) website. Students enrolling in Carolina Global Launch are not eligible to take summer classes prior to participating in Carolina Global Launch.

## Admission of International Students

International students are considered for admission on the same basis as other candidates and must provide the same information required of all other applicants. All non-US citizens and non-permanent resident students for whom English is not their first language must submit test

scores to demonstrate their English proficiency. We will accept the TOEFL or IELTS. Our TOEFL code is C182.

- TOEFL or TOEFL iBT Home Edition – Strong applicants typically score 100 or higher.
- IELTS Academic – Strong applicants typically score 7.0 or higher.

We do not waive this proficiency requirement based on grades in English courses or SAT/ACT scores. However, we may waive this requirement if you meet one of the following conditions by the time you would enroll at Carolina:

- You will have lived for at least four years in a country where English is the primary language.

OR

- You will have attended a school for at least four years where English is the primary language of instruction.

To request this waiver, please complete the request form, which you can access at <https://mycarolina.unc.edu/register/englishexamwaiver> (<https://mycarolina.unc.edu/register/englishexamwaiver/>). Waivers are granted on a case-by-case basis.

As a condition of enrollment, all entering students who have completed coursework from a foreign college or university that is not accredited within the United States must have their official transcripts evaluated by World Education Services (WES®).

United States immigration law requires proof of financial support for the student's entire program of study. Before UNC can issue an I-20, admitted students must provide documentation that they have sufficient funds in a bank to cover the first year of tuition and living expenses. See Finances and Financial Aid (<https://catalog.unc.edu/tuition-financial-aid/>) in this catalog for information on expenses. The University will issue the necessary visa documentation to those students who are formally admitted to the University. International students should not leave their native country intending to enroll at the University until they have received a formal letter of acceptance and appropriate visa documents.

Questions concerning international student life on the UNC–Chapel Hill campus should be referred to International Student and Scholars Service (<https://iss.unc.edu/>).

## Return to Carolina

After their first enrollment as a degree-seeking student at UNC–Chapel Hill, students who withdraw, fail to complete, or do not enroll in one or more fall or spring semesters must submit the Return to Carolina survey (<https://admissions.unc.edu/apply/types-of-applications/return-to-carolina/>) to the Office of Undergraduate Admissions when they are ready to return to the University. The Return to Carolina survey should be submitted as soon as possible and no later than the stated deadline on the Office of Undergraduate Admissions website. Students who plan to claim North Carolina residency are also required to submit a residency application with the North Carolina Residency Determination Service (RDS) (<https://ncresidency.cfn.org/residencyInfo/>).

Returning students who have holds on their records — such as academic eligibility, medical, student conduct, or financial — may need to complete additional steps before they can be reenrolled and register for courses. For additional information, refer to the Office of Undergraduate Admissions.

Returning students may also need to submit and complete a background check as required by UNC System policy. ([https://www.northcarolina.edu/apps/policy/?tab=policy\\_manual](https://www.northcarolina.edu/apps/policy/?tab=policy_manual))

International students who will require either an F1 or J1 visa should submit the Return to Carolina survey at least one month before the deadline for the term in which the student wishes to return in order to allow adequate time to process the student's visa.

## Nontraditional Readmission

The University's policy requires returning students to be academically eligible. However, the University recognizes that individuals can gain personal and intellectual maturity over time. In such cases, the University may choose to evaluate students on the basis of their current academic promise rather than their earlier academic performance. Under this policy, the University will review students who have not been enrolled full time in a formal educational program for at least five years and who, by their life experiences, might be considered nontraditional students. Reenrollment in the College of Arts and Sciences under this policy requires the approval of the associate dean for advising or the appeals committee of the college. Reenrollment in a professional school under this policy requires the approval of the professional school to which the student is seeking readmission.

Advising and degree-granting bodies within the University will monitor the performances of all individuals reenrolled under this policy. The monitors will provide up-to-date guidance and counseling and ensure that each student fulfills the requirements for continued enrollment as specified in the letter from the student's dean's office. Students who fail to meet these requirements and who lose their academic eligibility must then restore their eligibility before they will be permitted to continue their enrollment at the University. A nontraditional return to the University is granted only once.

## Admission as a Summer School Visitor

Any student who has not been regularly enrolled or has not been admitted for a fall semester in any school in the University can obtain an application for admission as a visiting summer student through the Summer School. Applicants (undergraduates and high school students) who plan to claim North Carolina residency are also required to submit a residency application with the North Carolina Residency Determination Service (RDS). (<https://ncresidency.cfnc.org/residencyInfo/>)

Students who are enrolled at the University will register for a summer session through Connect Carolina in spring.

## Admissions Confidentiality

The University of North Carolina at Chapel Hill will protect the privacy of all students seeking admission through the Office of Undergraduate Admissions by soliciting and receiving all academic and nonacademic records obtained for the purpose of admission and selection for scholarships and special opportunities, on the condition that they be held in confidence by the University. No information obtained through the admissions process will be shared with individuals, internal or external to the University, other than the chancellor, the provost, vice provost of enrollment, and members of the Advisory Committee on Undergraduate Admissions and its subcommittees.

Though current federal legislation allows students enrolling at the University access to their files, candidates do not have access to their applications.

Exceptions to this confidentiality policy will be made only at the direction of the chancellor, the provost, or the vice provost of enrollment.

## Intra-University Transfer

Students who wish to transfer from one school or college to another within the University may be required to submit an intra-university transfer application. For additional information, refer to the individual program.

## Admission as a Part-Time, Non-Degree Student

UNC Digital and Lifelong Learning (<https://dll.unc.edu/>) provides advising and student services to non-degree students, including local high school students. Part-time students may register for a maximum of eight credit hours per semester. Courses are open to non-degree students as space permits.

Students are required to submit a Part-Time Classroom Studies application and a nonrefundable application fee through the Office of Undergraduate Admissions.

Admission as a non-degree student is limited and does not constitute admission to a degree program at the University. Part-time non-degree students wishing to pursue a degree must submit a degree-seeking application to the Office of Undergraduate Admissions.

Enrolling part-time, non-degree students may also have to submit and complete a background check as required by UNC System policy. ([https://www.northcarolina.edu/apps/policy/?tab=policy\\_manual](https://www.northcarolina.edu/apps/policy/?tab=policy_manual))

## Admission as a Part-Time, Degree-Seeking Student

UNC–Chapel Hill admits a limited number of part-time, degree-seeking undergraduates. Part-time students may register for a maximum of eight credit hours per semester.

To be eligible, students must have been away from a traditional school setting for at least 12 months and must have graduated from a secondary school. Admission is also available to UNC–Chapel Hill faculty and staff employees. Traditional students who have been denied full-time admission to the University are not immediately eligible for enrollment through Part-Time Classroom Studies.

Students who want to enroll as a part-time degree-seeking undergraduate are required to submit a Part-Time Classroom Studies application.

All students admitted as prospective degree candidates must meet minimum University requirements for admission. In considering prospective part-time degree-seeking candidates for admission, the Office of Undergraduate Admissions shall use comparable admissions criteria that it uses to evaluate comparable full-time, degree-seeking students applying to the University. For information about those criteria, please see the sections on first-year and transfer admission above.

Admission to Part-Time Classroom Studies as a degree-seeking student does not constitute admission to a full-time degree program at the University. Part-time degree-seeking students who want to enroll in a full-time degree-seeking program must present evidence that they are prepared to make satisfactory progress towards the degree.

Enrolling part-time, degree-seeking students may also need to submit and complete a background check as required by UNC System policy. ([https://www.northcarolina.edu/apps/policy/?tab=policy\\_manual](https://www.northcarolina.edu/apps/policy/?tab=policy_manual))

## New Student Orientation and Course Registration

### First-Year Student and Family Orientation

All newly admitted undergraduate first-year students are required to attend one of the summer First-Year Orientation sessions prior to the start of their first term. Sessions are designed to introduce first-year students to the University.

During this two-day program, new first-year students will be acquainted with the academic opportunities and skills needed to take personal responsibility for their academic achievement and persistence, introduced to the programs and services available for UNC students, made aware of University traditions, and connected to their peers and other ways to broaden their Carolina community. First-year students also receive information about their course registration process. Family members and guests are invited to attend the First-Year Family Orientation program, which runs parallel to the student program.

The transition process continues when students arrive to campus with a variety of programs and events during Weeks of Welcome (fall semester) and Winter Welcome (January).

### Carolina Global Launch Student and Family Orientation

All newly admitted undergraduate students enrolling in Carolina Global Launch are required to attend a virtual pre-departure session, an in-person UNC Orientation session in Chapel Hill, and an in-person session at their Carolina Global Launch host institution prior to beginning courses. Students are then required to attend an in-person Orientation session in Chapel Hill in January prior to beginning courses. Sessions are designed to introduce students to UNC and their host institution.

During these programs, students will be acquainted with the academic opportunities and skills needed to take personal responsibility for their academic achievement and persistence, introduced to the programs and services available for Carolina Global Launch students, made aware of University traditions, and connected to their peers and other ways to broaden their Carolina community. Students also receive information about their course registration process. Family members and guests are invited to attend the virtual and Chapel Hill programs. Orientation sessions at the Carolina Global Launch host institutions are for participating students only.

The transition process continues when students arrive to campus with a variety of programs and events during Winter Welcome (January).

### Transfer Student and Family Orientation

All newly admitted undergraduate transfer students are required to attend one of the summer Transfer Orientation sessions prior to the start of their first term. Sessions are designed specifically for transfer students to learn about life at Carolina.

During this one-day program, new transfer students meet and interact with faculty, staff, and other new transfer students. Students attend formal sessions about UNC policies and services and have the opportunity to learn more about areas of interest to them individually. To help ensure the availability of preferred courses, transfer students should register for fall classes as soon as registration is open. To register for

courses, transfer students are required to pay their enrollment deposit, create their ONYEN and UNC Heelmail accounts, and complete the online academic advising module within Sakai. Family members and guests are invited to attend the Transfer Family Orientation program, which runs parallel to the student program.

The transition process continues when students arrive to campus with a variety of programs and events during Weeks of Welcome (fall semester) and Winter Welcome (January).

## The University of North Carolina at Chapel Hill: Admissions Policy

- All qualified persons are welcome to seek admission to the University of North Carolina at Chapel Hill, and all persons may apply for and accept admission confident that the policy and regular practice of the institution are not to discriminate in offering access to its educational programs and activities on the basis of age, gender, race, color, national origin, religion, creed, disability, veteran's status, sexual orientation, gender identity, or gender expression. (See University and Administrative Policies (<https://ethicspolicy.unc.edu/report-a-concern/discrimination-harassment-and-prohibited-conduct/>)).
- Projections of the number of students to be admitted and enrolled in any year shall be determined:
  - by the capacity of the institution to meet the instructional and other needs of students in the colleges, schools, departments, curricula, or other programs to which applicants seek admission and
  - by enrollment levels approved for budgetary or other appropriate purposes.
- When at any time the number of qualified applicants for admission exceeds the number of persons who can be admitted and enrolled (as determined by the criteria specified in section 2 above), those to be offered admission shall be selected on the basis of:
  - recognition of the institution's special responsibility to residents of North Carolina and
  - the institution's judgment of the applicant's relative qualifications for satisfactory performance in the specific college, school, department, curriculum, or other program to which the applicant seeks admission.

Provided that the criteria set forth hereinafter are met, this policy of competitive admissions shall not prevent the admission of selected applicants:

- who give evidence of possessing special talents for University programs requiring such special talents,
- whose admission is designed to help achieve variety within the total number of students admitted and enrolled, or
- who seek educational programs not readily available at other institutions.

In seeking variety within the total number of students admitted and enrolled, the University shall affirm its commitment to achieve excellence, to provide for the leadership of the educational, governmental, scientific, business, humanistic, artistic, and professional institutions of the state and nation, and to enrich the lives of all the people of North Carolina.

Admission of persons to the specific colleges, schools, curricula, or other programs of the institution shall be governed by the provisions set forth below.

## Undergraduate Admissions

Admission of undergraduate students to colleges or schools to pursue programs leading to a baccalaureate degree shall be the responsibility of the Office of Undergraduate Admissions. The Admissions Office shall apply policies and procedures that, not inconsistent with policies adopted by the Board of Trustees, are approved by the Advisory Committee on Undergraduate Admissions.

In the application of the provisions set forth in the section above, preference for admission shall be given to qualified residents of North Carolina; however, in recognition of the educational and other values accruing to North Carolina students, to the institution, and to the state from participation of nonresident students in the programs of the institution, nonresidents may be admitted in the entering first-year class at levels deemed appropriate by campus leadership and in accordance with UNC system office policies.

Admission of undergraduates shall be to the first-year class, to other classes by transfer after satisfactory completion of college-level work in some other institution(s) of higher education, or to Part-Time Classroom Studies.

Admission and enrollment of persons who are candidates for financial aid for which athletic ability is a consideration shall be conditional upon compliance with applicable regulations of the Atlantic Coast Conference and the National Collegiate Athletic Association.

## Admission to the First-Year Class

Admission to and enrollment in the first-year class shall be conditional upon graduation from secondary school (or equivalent) with such units of secondary school academic course credit that, at minimum, meet the UNC System's Minimum Admissions Requirements (MAR) and Minimum Course Requirements (MCR), and any additional requirements specified by the Office of Undergraduate Admissions. However, if all other criteria are met, the Admissions Office may make exceptions to MAR and/or MCR in accordance with procedures approved by the Advisory Committee on Undergraduate Admissions.

Criteria employed for determination of each applicant's qualifications for admission may include:

1. satisfactory evidence of scholastic promise based upon the applicant's previous academic record, recommendations from schools previously attended, scores on selected tests of scholastic aptitude or achievement, and the applicant's written application for admission,
2. evidence of the applicant's ability to thrive at and contribute to the university community, and
3. satisfactory evidence of the applicant's ability to succeed academically and personally within the University community.

## Admission by Transfer

Admission and enrollment by transfer from another institution shall be conditional upon a satisfactory academic record of work undertaken in all other institutions attended, the applicant's written application for admission, and satisfactory recommendations from institutions previously attended. Applicants' eligibility to return to previous institutions may be considered in their evaluation. Other factors include evidence of the applicant's ability to thrive at and contribute to the University.

## Part-Time Classroom Studies Admissions

Eligibility for admission to Part-Time Classroom Studies shall normally be limited to individuals living within commuting distance of Chapel Hill.

Admission to Part-Time Classroom Studies of an applicant who does not hold a baccalaureate degree shall be the responsibility of the Office of Undergraduate Admissions. Such admissions shall be either:

- For credit, applicable toward fulfillment of degree requirements: The minimum requirements shall be the same as those for admission to degree programs and the Office of Undergraduate Admissions shall review each applicant using comparable admissions criteria as for other degree-seeking students applying to the University; OR
- For personal benefit and enjoyment: The applicant may be exempted from the qualitative requirements for admission to degree programs. Notwithstanding this exemption from qualitative requirements, the applicant must have graduated from an approved or accredited secondary school or equivalent and must demonstrate the capacity to cope with the demands of University life.
- For applicants currently enrolled in secondary school: admission will be considered only if the applicant:
  - a. seeks to enroll in a University course for which there is no comparable course at the student's secondary school and
  - b. demonstrates adequate preparation for the course in which the student seeks to enroll.

Admission to Part-Time Classroom Studies of an applicant who holds a baccalaureate degree shall be the responsibility of UNC Digital and Lifelong Learning (<https://dll.unc.edu/>). Such admissions shall be for personal benefit and enjoyment, for the satisfaction of prerequisite requirements for professional or graduate programs, or for transfer of credit to a postbaccalaureate degree program, in which case the applicant may be exempted from the qualitative requirements for admission to degree programs.

## Graduate School Admissions

For information on Graduate School admissions, refer to [catalog.unc.edu/admissions/graduate/](https://catalog.unc.edu/admissions/graduate/). (<https://catalog.unc.edu/admissions/graduate/>)

## Professional School Admissions

Admission of students to the professional degree programs in schools other than The Graduate School and to nondegree programs in the schools of the Division of Health Affairs shall be, in each of these schools, the responsibility of its established committee on admissions, which shall apply policies, procedures, and requirements, not inconsistent with the provisions of this policy, adopted by the faculty of the school and approved by the Chancellor or his delegate.

## Summer Admissions

Admission of applicants to any summer session shall be the responsibility of:

- The Office of Undergraduate Admissions with respect to those who wish to begin in the summer an undergraduate program of study that will continue into the following academic year or that is intended to lead to a baccalaureate degree from the University of North Carolina at Chapel Hill, as well as those undergraduates previously enrolled at

this institution who would like to return for undergraduate work in the summer.

- The Graduate School with respect to those who wish to begin a degree program of graduate study in the summer, as well as those graduate students already enrolled in this institution who wish to return for graduate study in the summer
- Part-Time Classroom Studies in the Friday Center with respect to those who wish to begin in the summer on a part-time basis as a postbaccalaureate nondegree student, as well as those postbaccalaureate nondegree students who wish to return for part-time study in the summer

Admission to Summer School by the Office of Undergraduate Admissions, The Graduate School, and Part-Time Classroom Studies shall be in conformity with the provisions set forth in this policy for other undergraduate and graduate admissions.

Admission as a Summer School visitor by the dean of Summer School shall be in conformity with policies, procedures, and requirements adopted by the Administrative Board of Summer School. Each such admission shall terminate as of the last day of that summer term and shall include no commitment, stated or implied, for admission of the student to any subsequent semester or session of the University of North Carolina at Chapel Hill.

## Admissions Appeals

Appeals concerning individual admission, or admission rescission, decisions shall be governed by the admissions appeal procedure contained in Appendix A.

*\* This policy adopted by resolution of the Board of Trustees on September 3, 1976.*

*\* Amended by Board of Trustees, August 24, 1984.*

*\* Amended by Board of Governors, March 14, 1986.*

*\* Amended by Board of Trustees, May 27, 1994.*

*\* Amended by Board of Trustees, effective January 1, 2006.*

*\* Amended by Board of Trustees, effective January 23, 2014.*

## Appendix A: Admissions Appeal Procedure

This document sets forth the procedures to be followed with respect to the appeal of a negative admissions decision, including a decision to rescind an admission that has already been granted.

### 1. Appeal to Admissions Officer

Appeals concerning individual admission, or admission rescission, decisions may be had only if it is contended that:

- a. a provision set forth in the University of North Carolina at Chapel Hill admissions policy ("admissions policy") has been violated or
- b. the decision not to admit the individual or to rescind admission resulted from a material procedural error in the admissions process.

An applicant's omission of relevant information from the original application for admission will not ordinarily constitute grounds for an appeal; nor will academic or personal circumstances that changed after the submission of the application. Such an appeal shall be lodged by the applicant with the administrative officer (the director of undergraduate admissions, the dean of The Graduate School, the dean of the professional school concerned,

or the dean of Summer School) whose office had responsibility for the admission in question (hereafter the "admissions officer") within 30 days after the University posts the applicant's online decision. The appeal shall be in writing and shall set forth the grounds for the appeal.

Upon receipt of the appeal, the admissions officer or the admissions officer's designee shall review the applicant's file and appeal letter and shall communicate his or her decision to the applicant in writing.

### 2. Appeal to Provost

The decision of the admissions officer may be appealed to the provost only if it is contended that:

- a. a provision set forth in the admissions policy has been violated or
- b. the decision not to admit the individual or to rescind admission resulted from a material procedural error in the admissions, or appeal, process.

An applicant's omission of relevant information from the original application for admission or from the appeal to the admissions officer will not ordinarily constitute grounds for an appeal; nor will academic or personal circumstances that changed after the submission of the application or the appeal to the admissions officer. Such an appeal shall be lodged with the provost by filing a letter of appeal specifying the grounds for the appeal within 15 days after the appellant has received the letter communicating the decision of the admissions officer. The provost may designate the review of these appeals within his or her immediate office.

The appeal shall be reviewed by the provost or the provost's designee. Following the review, the provost or designee will communicate the decision to the applicant in writing. The decision of the provost is final, and no further appeal is available.

# COURSE NUMBERING

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<sup>1</sup> See the Honors Carolina website (<http://honorscarolina.unc.edu/>) for information on enrolling in honors courses.

Courses are designated with a subject code and course number. The number assigned to a course generally denotes its level and may also indicate a course type. Suffixes may be appended to course numbers to indicate course format or honors status. For additional information about course numbering, see University Policy Memorandum #4 (<http://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-4-standard-course-numbering-system/>).

For courses in the Undergraduate and Graduate academic careers starting in Fall 2006, the numbers assigned to courses are normally categorized as follows:

## Course Numbers

- **100-189:** Introductory Undergraduate Courses
- **190-399:** Courses for Undergraduate Students
- **400-699:** Courses for Advanced Undergraduate and Graduate Students
- **700-899:** Courses for Graduate Students (Undergraduate Students may enroll with department permission)
- **900-999:** Courses for Graduate Students only

## Special Course Numbers

- **50-89:** First-Year Seminars
- **190, 290, 390:** Undergraduate Special Topics Courses
- **490, 590, 690:** Undergraduate and Graduate Special Topics Courses
- **193, 293, 393:** Undergraduate Internships and Practica
- **493, 593, 693:** Undergraduate and Graduate Internships and Practica
- **195, 295, 395:** Undergraduate Research Courses
- **495, 595, 695:** Undergraduate and Graduate Research Courses
- **196, 296, 396:** Undergraduate Independent Study/Reading Courses
- **496, 596, 696:** Undergraduate and Graduate Independent Study/Reading Courses
- **691H, 692H, 693H, 694H:** Senior (Undergraduate) Honors Thesis Courses
- **697, 698:** Undergraduate Capstone Courses
- **799:** Graduate Experimental Course Offering
- **890-899:** Graduate Special Topic Courses
- **900-991:** Graduate Research Courses
- **992, 993:** Master's Thesis Courses
- **994:** Doctoral Dissertation Course

## Foreign Language Courses:

- **Beginning Level:** 101, 102 and 401, 402
- **Intermediate Level:** 203, 204 and 403, 404
- **Graduate Foreign Language Requirement:** 601, 602 and 603, 604

## Suffixes

For courses in the Undergraduate and Graduate academic careers starting in Fall 2006, the following suffixes may be used:

- **H:** Honors Course or Course for Advanced Students<sup>1</sup>
  - **L:** Credit-Bearing Laboratory Course
  - **I:** Interdisciplinary Course
-

# UNDERGRADUATE

## About the Undergraduate Catalog

The *Undergraduate Catalog* provides information about undergraduate courses, programs of study, degree requirements, and academic policies. It includes admission requirements and application procedures.

Enrolled students are encouraged to use the catalog in addition to talking with advisors and consulting their Tar Heel Tracker for undergraduate degree requirements.

This catalog is concerned primarily with prospective students and with undergraduates enrolled in the General College, the College of Arts and Sciences, and the Schools of Business, Dentistry, Education, Information and Library Science, Journalism and Media, Medicine, Nursing, Pharmacy, and Public Health, as well as Summer School.

The following additional catalogs and admissions brochures are published by the University of North Carolina at Chapel Hill, in print form and/or on the Web: Kenan–Flagler Business School, School of Dentistry, School of Education, School of Government, School of Information and Library Science, School of Journalism and Media, School of Law, School of Medicine, School of Nursing, Gillings School of Global Public Health, School of Social Work, and Summer School.

Students may expect to receive a degree by fulfilling the requirements of a curriculum as specified in the *Undergraduate Catalog* for the year in which the student matriculated at the University of North Carolina at Chapel Hill. The University is not strictly obligated to fulfill this expectation since changes to the structure of degree requirements may entail widespread curricular adjustments, but it will make every effort to modulate changes so that appropriate substitutes for particular requirements, or particular courses, are available to students operating under a previous set of expectations. The faculty reserves the right to make any changes deemed necessary in the curricula and in regulations. By University policy, the regulations in this catalog are not necessarily valid beyond the academic year for which it was published.

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### B

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## Gillings School of Global Public Health

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## Department of Aerospace Studies

### Introduction

The United States Air Force Reserve Officer Training Corps (AFROTC) program provides leadership training to students pursuing a career as an officer in the United States Air Force. The AFROTC program is open to students looking for a challenging career and the opportunity to support and defend the Constitution of the United States. AFROTC is more than just a department in the College of Arts and Sciences; it is a professional organization designed to provide students growth, development, and leadership opportunities beyond the classroom. Cadets learn and develop these skills through hands-on experiences both inside and outside the traditional classroom setting.

### The Air Force ROTC Program

#### Four-Year Traditional ROTC Program

This program is for students who enroll as cadets in AFROTC and plan to graduate in four years with a commission as an Air Force second lieutenant. Cadets must take aerospace studies courses, AERO 500 Leadership Laboratory, and participate in weekly physical training. In the spring of their sophomore years, cadets will compete for a spot to attend a two-week field training course in the summer. Successful completion of field training grants entry into the Professional Officer Course (POC) for their junior and senior years. Cadets in the POC refine their leadership skills and prepare for a United States Air Force active duty commission upon graduation.



## Non-Traditional ROTC Program

Students who do not enroll in Air Force ROTC in their first semester are still eligible to participate in the program. They will participate in the same academic courses, leadership laboratory, and physical training as traditional cadets. All non-traditional cadets will be required to complete AERO 101, AERO 102, AERO 201, and AERO 202 prior to attending field training.

## Interested Students

Students seeking to learn more about the Air Force or ROTC can take AERO 101, AERO 102, AERO 201, or AERO 202 with no obligation. These courses provide an introduction to Air Force operations and culture, providing students with the necessary information to make an informed decision about whether the Air Force interests them.

## Advising

All majors and minors have a primary academic advisor in Steele Building. At a minimum, students who join the AFROTC program are required to meet with their advisor every fall to develop and update their academic plan. The department's education officer and academic instructors help oversee this process. For information on Air Force officer careers, please visit the AFROTC website (<http://www.afrotc.com>).

## Special Opportunities in Aerospace Studies

### Scholarships and Financial Assistance

Two- to 3.5-year scholarships are available to students based on merit or specialized major (e.g., foreign language or nursing). In most cases, these scholarships cover tuition and fees, provide a monthly stipend (\$300 to \$500 each month), and a textbook allowance (\$450) each semester. The scholarship does not cover room and board.

### Foreign Language/Study Abroad Stipend and Opportunities

All contract and scholarship cadets are eligible to earn up to \$3,000 per academic year for studying a foreign language or participating in a study abroad program.

Air Force ROTC cadets are uniquely eligible to participate in Department of Defense language grant programs through major universities, often involving study abroad. See Project GO (<http://www.rotcprojectgo.org>) or contact the unit admissions officer for more information.

Our partners at the UNC–Russian Flagship program (<https://russian.unc.edu/>) offer an incredible opportunity for Russian language development that culminates in a year-long study abroad in a Russian speaking country as well. The Russian Flagship program is only offered at a handful of universities throughout the country and offers scholarships to students interested in maximizing their Russian language proficiency.

### Extracurricular Activities

The AFROTC experience is more than classroom study; cadets participate in a variety of extracurricular activities. These include social functions such as a heritage dinners, fundraising events, presenting the flag at home football and basketball games, volunteer work in the community, and trips to military bases. Recent cadet activities are highlighted on a public Facebook page (<http://www.facebook.com/UNC.AFROTC.DET590/>).

Arnold Air Society (AAS) is a national service organization dedicated to furthering the traditions, purposes, and concepts of the United States Air Force as a military organization and a professional calling. The local AAS chapter is active nationwide and AFROTC cadets attend the regional and national conventions each year.

## Guaranteed Job Placement

Successful completion of the AFROTC program guarantees commission as a second lieutenant in the United States Air Force.

### Minor

- Aerospace Studies Minor (p. 34)

## Professor

**Brie Vihlen**, Lieutenant Colonel, U.S. Air Force.

## Assistant Professors

**Matthew Spinks**, Major, U.S. Air Force.

**Iliana Young**, Captain, U.S. Air Force.

## AERO–Aerospace Studies

### Undergraduate-level Courses

**AERO 101. Heritage and Values of the United States Air Force. 1 Credits.**

Part one of a two-part course that examines the opportunities of an Air Force officer, as well as the structure and function of the Air Force.

#### Rules & Requirements

**Grading Status:** Letter grade.

**AERO 102. Heritage and Values of the United States Air Force. 1 Credits.**

Part two of a two-part course that examines the opportunities of an Air Force officer, as well as the structure and function of the Air Force.

#### Rules & Requirements

**Grading Status:** Letter grade.

**AERO 190. Seminar. 1-3 Credits.**

Seminar in topics related to the United States Air Force.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**AERO 196. Independent Study. 1-3 Credits.**

Readings and research of topics regarding the United States Air Force.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**AERO 201. Team and Air Force Leadership Fundamentals. 1 Credits.**

This course lays the foundation for leading effective teams and developing leadership skills.

#### Rules & Requirements

**Grading Status:** Letter grade.

**AERO 202. Team and Air Force Leadership Fundamentals II. 1 Credits.**

This course continues to lay the foundation for leading effective teams and developing leadership skills.

**Rules & Requirements**

**Grading Status:** Letter grade.

**AERO 213. Air Power and Modern Warfare. 3 Credits.**

Examines air power theory and practice from 1914 to the present. Focuses on the application of air power as an instrument of war and the effectiveness of that application.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 213, PWAD 213.

**AERO 301. Leading People and Effective Communication I. 3 Credits.**

Part one of a two-part course concerning contemporary leadership and management of the Air Force Officer.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisites, AERO 101, 102, 201, and 202.

**Grading Status:** Letter grade.

**AERO 302. Leading People and Effective Communication II. 3 Credits.**

Part two of a two-part course concerning contemporary leadership and management of the Air Force Officer.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisites, AERO 101, 102, 201, and 202.

**Grading Status:** Letter grade.

 **AERO 393. Air and Space Expeditionary Training. 1 Credits.**

Provides leadership training in a military environment. Professional development is achieved through academics, physical fitness, marksmanship, and leadership exercises. Course reviews leadership lessons in a simulated expeditionary deployment to a combat zone. Restricted to ROTC cadets from all services.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****AERO 401. National Security Affairs and Preparation for Active Duty. 3 Credits.**

Part one of a two-part class that examines the basic elements of national security policy and process issues relevant to new Air Force officers.

**Rules & Requirements**

**Requisites:** Prerequisites, AERO 101, 102, 201, and 202.

**Grading Status:** Letter grade.

**AERO 402. National Security Affairs and Preparation for Active Duty. 3 Credits.**

Part two of a two-part class that examines the basic elements of national security policy and process issues relevant to new Air Force officers.

**Rules & Requirements**

**Requisites:** Prerequisites, AERO 101, 102, 201, 202, 301, and 302.

**Grading Status:** Letter grade.

**AERO 500. Leadership Laboratory. 0 Credits.**

Required for all AFROTC cadets. The purpose of the LLAB program is to augment the AFROTC academic curriculum by providing prospective Air Force officers the opportunities and feedback needed to develop the leadership, managerial, and supervisory skills required of successful Air Force officers. The laboratory also offers insight into career opportunities in the USAF, life, and work of the USAF junior officer, and military ceremonies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit.

**Grading Status:** Letter grade.

## Contact Information

**Department of Aerospace Studies**

Visit Program Website (<http://afrotc.unc.edu>)

ROTC Armory, 221 South Columbia Street, CB# 7480

(919) 962-2074

**Chair**

Brie Vihlen


## Aerospace Studies Minor

The aerospace studies minor is for students looking to explore topics such as heritage and values of the U.S. Air Force; the application of air power; leadership, management, and ethics training; and national security affairs with Air Force officers and AFROTC cadets. The minor in aerospace studies is open to all UNC–Chapel Hill students.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Students may select courses for the minor from the following list:		14
AERO 101	Heritage and Values of the United States Air Force	
AERO 102	Heritage and Values of the United States Air Force	
AERO 201	Team and Air Force Leadership Fundamentals	
AERO 202	Team and Air Force Leadership Fundamentals II	
AERO 301	Leading People and Effective Communication I	
AERO 302	Leading People and Effective Communication II	
AERO 393	 Air and Space Expeditionary Training	
AERO 401	National Security Affairs and Preparation for Active Duty	
AERO 402	National Security Affairs and Preparation for Active Duty	
AERO/HIST/ PWAD 213	Air Power and Modern Warfare	
<b>Total Hours</b>		<b>14</b>

## Contact Information

### Department of Aerospace Studies

Visit Program Website (<http://afrotc.unc.edu>)  
 ROTC Armory, 221 South Columbia Street, CB# 7480  
 (919) 962-2074

### Chair

Brie Vihlen

## Department of African, African American, and Diaspora Studies

### Introduction

The curriculum of the Department of African, African American, and Diaspora Studies emphasizes the histories, cultures, cultural linkages, and contemporary sociopolitical and economic realities of Africa and the African diasporas in the context of a globalizing world. Included on our faculty are award-winning teachers and recognized scholars whose work in and out of the classroom covers all major regions of Africa, the United States, and increasingly other parts of the Atlantic African Diaspora, including the Caribbean and Latin America. We approach these areas of study from multiple perspectives and disciplines, and the department's faculty members are trained in the fields of anthropology, film, history, international development studies, law, linguistics, literature, music, and political science.

### Advising

We encourage students to talk with the director of undergraduate studies when they declare the major in African, African American, and Diaspora studies. The director of undergraduate studies is also available to students who are interested in the department's offerings at other times in their academic careers.

### Graduate School and Career Opportunities

The skills and perspectives of African, African American, and Diaspora studies provide an excellent background for students considering careers in international development, education, business, government, or diplomacy. Students go on to a variety of managerial, teaching, and research positions. Other careers for which the major is excellent preparation include law, communication, social work, community development, and public administration.

#### Major

- African, African American, and Diaspora Studies Major, B.A. (p. 48)

#### Minors

- African Studies Minor (p. 49)
- African American and Diaspora Studies Minor (p. 50)
- Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor (p. 51)

### Professors

Claude A. Clegg III, Kenneth Janken, LeRhonda Manigault-Bryant, Georges Nzongola-Ntalaja.

### Associate Professors

Lydia Boyd, Brandi Brimmer, Michael Lambert, David Pier, Charlene Register, Eunice Sahle.

### Assistant Professors

Maya Berry, Shakirah Hudani, Petal Samuel, Ronald Williams II.

### Teaching Associate Professor

Mohamed Mwamzandi.

### Teaching Assistant Professors

Raphael Biry, Samba Camara, Alicia Monroe, Robert Porter.

### Adjunct Faculty

Fenaba Addo, Anna Agbe-Davies, Renée Alexander Craft, Lisa Calvente, Youssef Carter, Christopher Clark, Shannon Malone Gonzalez, Sudhanshu Handa, Taylor Hargrove, Sherick Hughes, Lauren Jarvis, Joseph Jordan, Priscilla Layne, Lisa Lindsay, Chaitra Powell, Danielle Purifoy, Antonia Randolph, Victoria Rovine, Rebecka Rutledge Fisher, Tanya Shields, William Sturkey, J. Michael Terry.

### Courses

#### AAAD–African, African American, and Diaspora Studies

The department has adopted the following numbering system for all AAAD courses numbered above 99:

- Courses ending in 00 to 29: African studies
- Courses ending in 30 to 59: African American studies
- Courses ending in 60 to 84: African Diaspora outside the United States
- Courses ending in 85 to 99: Courses that cross geography; dedicated courses whose numbers are reserved by the University Registrar, such as independent studies and internships.

#### Undergraduate-level Courses

##### AAAD 50. First-Year Seminar: Defining Blackness. 3 Credits.

Blackness and whiteness as racial categories have existed in the United States from the earliest colonial times, but their meanings have shifted and continue to shift. Over the semester we will attempt to define and redefine blackness in the United States.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

Making Connections Gen Ed: SS, US.

Grading Status: Letter grade.

##### AAAD 51. First-Year Seminar: Masquerades of Blackness. 3 Credits.


This course is designed to investigate how race has been represented in cinema historically with an emphasis on representations of race when blackness is masqueraded.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-AESTH or FC-PAST.


Making Connections Gen Ed: VP, US.

Grading Status: Letter grade.

 **AAAD 53. First-Year Seminar: Experimentalism in Global Black Music and Performance Arts. 3 Credits.**

This seminar focuses on artists from around the world who have taken an experimental approach to music-making and performance, inspired by black politics, culture, and history. Considers the special challenges blacks have faced in the field of "modernism." Students may opt to do creative artistic projects in lieu of a final research paper.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

 **AAAD 54. First-Year Seminar: African Migrations, Boundaries, Displacements, and Belonging. 3 Credits.**


This discussion-oriented seminar will use the works of African authors and filmmakers to explore how this dimension of the African experience has in part shaped the everyday lives of the peoples of the African continent.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.


 **AAAD 55. First-Year Seminar: Youth Activism, Citizenship, and Social Change in Africa. 3 Credits.**

This seminar explores the role of youth in processes of social change on the African continent historically and in the contemporary era. It begins with an exploration of youth's experiences and involvement in liberation struggles against colonial rule. With a focus on the post-1980s period, it examines youth mobilization for democratization, human rights, and horizontal accountability by state actors, and the role of African Union in promoting youth citizenship.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL.

**Grading Status:** Letter grade.

 **AAAD 58. First-Year Seminar: Health Inequality in Africa and the African Diaspora. 3 Credits.**

This first-year seminar examines the ways that healthcare access and health itself are shaped by social, racial, and economic inequalities in our society and others. The geographic focus of this course is Africa and the United States. Drawing on research in medical anthropology, sociology, public health, and history we will gain an understanding of the political, economic, and social factors that create health inequalities.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

 **AAAD 89. First Year Seminar: Special Topics. 3 Credits.**

Special Topics Course: content will vary each semester.

**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **AAAD 101. Introduction to Africa. 3 Credits.**

Introduction to the study of the African continent, its peoples, history, and contemporary problems of development in a globalized world, including a survey of the African past, society and culture, and contemporary political, economic, and social issues.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.


**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

 **AAAD 102. Introduction to Media in Africa. 3 Credits.**

This course explores the precolonial, colonial, and the contemporary media in Africa. It focuses on the different types of media, its impact on socioeconomic and political development, and the growth and development of internet in the region. It introduces students to the inventors, copyright regulations, African governments' media regulation statutes, and careers in the media industry in the continent.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

 **AAAD 130. Introduction to African American and Diaspora Studies. 3 Credits.**

The course tracks the contours of history, life, societies, and cultures of the Atlantic African diaspora from their origins through Emancipation in the United States, the Caribbean, and South America.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**AAAD 159. The History of the Black Church and Social Change. 3 Credits.**

A survey of the historical development of the black church in America, beginning during the antebellum period and continuing to the present day.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **AAAD 200. Gender and Sexuality in Africa. 3 Credits.**

Introduction to the study of gender and sexuality in African societies. Theoretical questions relating to the cross-cultural study of gender will be a primary focus. Topics include historical perspectives on the study of kinship and family in Africa and the impact of colonialism and other forms of social change.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** WGST 200.

**AAAD 201. Introduction to African Literature. 3 Credits.**

An introduction to African literature, with an emphasis on works by writers from the late colonial period to the present, and including a survey of different genres.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**AAAD 202. African Film and Performance. 3 Credits.**

This course studies African film and performance as two distinct, but interconnected genres of artistic expression used for negotiating a postcolonial African agency.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**AAAD 210. African Belief Systems: Religion and Philosophy in Sub-Saharan Africa. 3 Credits.**

Topics such as the impact of colonialism and missionization on African societies, the changing practice of Islam in Africa, and the intersection of religious and political unrest in postcolonial societies are addressed.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**AAAD 211. African Art and Culture. 3 Credits.**

Introduction to the plastic arts of sub-Saharan Africa through study of their relationship to the human values, institutions, and modes of aesthetic expression of select traditional and modern African societies.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**AAAD 212. Africa in the Global System. 3 Credits.**

This course provides a critical examination of the historical and theoretical bases for understanding the challenges and opportunities facing African states and societies in the current global system, which is dominated by neoliberal globalization.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**AAAD 214. Africa through the Ethnographic Lens. 3 Credits.**

This course examines the ways by which anthropologists have used ethnographic texts to describe and frame African societies. Among the topics explored through a close textual reading of both classical and contemporary ethnographic texts are systems of thought, politics, economics, social organization and the politics of representation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**AAAD 220. Media and Democracy in Africa. 3 Credits.**

This course centers on the role of media in democratic governance in Africa. In particular, the course introduces to students political and normative theoretical bases for understanding the responsibility of the press in various forms of democracy, freedom of expression, and news influence on politics. Students will also explore and criticize the electoral processes and dynamics in electoral campaigns. The legal pressure on media during the elections and other times when African governments face scrutiny

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**AAAD 231. African American History since 1865. 3 Credits.**

Special emphasis on postemancipation developments.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**AAAD 232. Black Women in America. 3 Credits.**

An examination of the individual and collective experiences of black women in America from slavery to the present and the evolution of feminist consciousness.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** WGST 266.

**AAAD 237. African American Art Survey. 3 Credits.**

An introduction to African American art and artists and their social contexts from early slavery.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** ARTH 287.


**AAAD 238. African American Literature Survey. 3 Credits.**

This course is an introductory and chronological study of the African American literary canon. It examines various African American literary genres, including slave narratives, poetry, and the novel.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

 **AAAD 239. Disaster, Recovery, Resistance in Southern Black History. 3 Credits.**

Since the 1920s environmental, health, industrial and other disasters have shaped southern African American culture, communities, and politics. The mass dislocation and despair brought by disasters and the manners in which African Americans resisted and struggled to overcome them have significantly changed the country's geographic, cultural, and political landscape. This course examines such epic disasters as floods, hurricanes, disease, and work-related tragedies and their long-term consequences and meanings.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

 **AAAD 240. African American Politics. 3 Credits.**

A survey of African American political development from emancipation to the present. The course examines the dynamics of minority group politics with African Americans as the primary unit of analysis. Students consider African American politics in domestic and global contexts and issues of local, regional, national, and international relevance.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**Same as:** POLI 240.

 **AAAD 250. The African American in Motion Pictures: 1900 to the Present. 3 Credits.**

This course will analyze the role of the African American in motion pictures, explore the development of stereotypical portrayals, and investigate the efforts of African American actors and actresses to overcome these portrayals.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **AAAD 252. African Americans in the West. 3 Credits.**

African Americans in the West is a survey course that examines the origins, migration, and development of African descended peoples in the United States west of the Mississippi River.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

 **AAAD 254. African Americans in North Carolina. 3 Credits.**


This course is an overview of the black experience in North Carolina with special emphasis on Chapel Hill and Wilmington.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

 **AAAD 257. Black Nationalism in the United States. 3 Credits.**

This course traces the evolution of black nationalism, both as an idea and a movement, from the era of the American Revolution to its current Afrocentric expressions.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Grading Status:** Letter grade.

 **AAAD 258. The Civil Rights Movement. 3 Credits.**

An examination of the struggle by black Americans for social justice since World War II and of the systemic responses.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

 **AAAD 259. Black Influences on Popular Culture. 3 Credits.**

This course examines the influence of African American expressive culture, particularly popular music, on American mainstream culture.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**AAAD 260. Blacks in Latin America. 3 Credits.**

The majority of people of African descent in this hemisphere live in Latin America. This course will explore various aspects of the black experience in Latin America.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

 **AAAD 261. Afro-Cuban Dance: History, Theory, and Practice. 3 Credits.**

Course interrogates concepts such as religion, folklore, nation, blackness, gender, history, and dance. Concepts illustrated through readings, movement practice (dance classes), and spectatorship.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

 **AAAD 278. Black Caribbeans in the United States. 3 Credits.**

This course will look at the experiences of black Caribbean immigrants in the United States and the activities in which they participate, as well as their shifting senses of their identities.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**AAAD 282. Afropessimism in American and European Film. 3 Credits.**

Scholars of Afropessimism argue that we are not living in the age of post-slavery, but in the "afterlife of slavery" and that Blacks exist outside of the world, because the social world is held together by anti-Blackness. This argumentation has had important effects within Black German and Black European Studies. This course seeks to explore these philosophical claims, by comparing American films with European films that deal with anti-Black racism.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** GSLL 282.

**AAAD 284. Contemporary Perspectives on the African Diaspora in the Americas. 3 Credits.**

An interdisciplinary survey of African-descendant communities and the development and expression of African/black identities in the context of competing definitions of diaspora.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**AAAD 286. The African Diaspora in the Colonial Americas, 1450-1800. 3 Credits.**

Explores the experiences of Africans in European colonies in locations such as colonial Mexico, Brazil, the Caribbean, and mainland North America. Lecture and discussion format. The major themes of inquiry include labor, law, gender, culture, and resistance, exploring differing experiences based on gender, location, and religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**AAAD 287. Health Equity in the African Diaspora. 3 Credits.**

Examines historical and contemporary processes shaping health and well-being in Africa Diaspora communities. Emphasis will be placed on health and health equity within African-descendant communities in the United States, Haiti, and Brazil.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**AAAD 288. Global Black Popular Cultures. 3 Credits.**

Through an interdisciplinary analysis of key aspects of black popular cultures in their global diversity, this course tackles fundamental questions about the meanings of black identity, identification, and belonging.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**AAAD 290. Topics in African, African American, and Diaspora Studies. 1-3 Credits.**

Subject matter will vary by instructor. Course description available from department office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**AAAD 293. Individual Internships for Majors and Minors. 1-3 Credits.**

Students work internships and develop, in conjunction with a faculty supervisor, an academic project relating to their internship experience. Permission of the director of undergraduate studies required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Pass/Fail.

**AAAD 298. Blacks in British North America to 1833. 3 Credits.**

This course looks at blacks in the British world to 1833, with particular attention on the 13 colonies and the lands that would eventually form the Dominion of Canada.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** NA, WB.

**Grading Status:** Letter grade.

**AAAD 300. Cultures of Health and Healing in Africa. 3 Credits.**

This course explores contemporary economic, political, and social factors influencing the health and welfare of African peoples. Emphasis is placed on understanding the cultural perspectives that shape non-Western experiences of health, disease, and notions of spiritual and physical well-being. Readings draw from the fields of anthropology, history, and public health.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**AAAD 301. Contemporary China-Africa Relations. 3 Credits.**

The course examines the contemporary relationship between China and Africa. This includes China and Africa's history; China's economic, trade, strategic, and foreign policy towards Africa; as well as the relationship between China and the Africans who live and work there.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**AAAD 302. West African History, Politics, and Culture. 3 Credits.**

The first half of this course introduces students to the broad themes of West African history. The second half builds on this historical background by exploring case studies on a range of issues. Among the topics addressed in the case studies are Islam, gender, health, political violence, and globalization.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**AAAD 303. Islamic Cultures of Contemporary Africa. 3 Credits.**

By examining the social history and meaning of various cultural practices, literature, art, and popular music among Muslim Africans, this course introduces students to how Islam has influenced contemporary African identity and to the practices that came to be associated with Africa as a land of Islam.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**AAAD 307. 21st-Century Scramble for Africa. 3 Credits.**

Examines the 21st-century global competition for African resources and compares it to the 19th-century "scramble for Africa." Major actors include the European Union, the United States, and China.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**AAAD 312. Terrorism in Africa. 3 Credits.**

This course introduces students to the phenomenon of religious-based terrorism in Africa today, its causes, dynamics, and what the states affected, regional organizations, and the international community are doing to eradicate it.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**AAAD 315. Political Protest and Conflict in Africa. 3 Credits.**

This course surveys contemporary forms of political conflict and protest in Africa. The nature, causes, and consequences of these conflicts will be examined.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**AAAD 316. Public Policy and Development in Africa. 3 Credits.**

This course is a study of policy making in African states with respect to issues of sustainable development.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**AAAD 318. Politics of Art in Africa. 3 Credits.**

This course considers a variety of African artists and art scenes in their political, economic, and cultural contexts. Likely topics include artists under Apartheid, the global trade in traditional wood carvings, and Africa's place in the global contemporary art circuit.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN, GL.

**Grading Status:** Letter grade.

**AAAD 319. Africa and Masks. 3 Credits.**

Examines the production, circulation, and consumption of masks in both African and non-African contexts. Expands, nuances, and sometimes undoes our notions of mask, masquerade, and masking.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN, CI.

**Grading Status:** Letter grade.

**Same as:** ARTH 353, ANTH 343.

**AAAD 320. Music of Africa. 3 Credits.**

An introduction to African music new and old, focusing on the continent's distinctive techniques and concepts, and on its musical interactions with the rest of the world. The politics of music making in various historical settings will be explored. Prior musical experience is helpful, but not required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**AAAD 329. Islamic Cultures and Literatures in Africa. 3 Credits.**

This course examines Islamic influences on the cultures and societies of East Africa. Topics include introduction of Islam in the region, Swahili city states, hybrid Islamic cultures, Islam in the constitution, Wahhabi and Salafist puritanical Islam, Islam and politics, and secessionist movements and terrorism in East Africa Muslim societies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**AAAD 330. 20th-Century African American Art. 3 Credits.**

Focus on the historical development of African American art from the Harlem Renaissance of early 20th century through the Black Arts Movement and Feminist Art Movement 1960s and early 1970s.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**Same as:** ARTH 387.



**AAAD 332. Remembering Race and Slavery. 3 Credits.**

The course provides an examination of the ways that the past plays out in the present. Specifically this course examines memorials, monuments, and museums that remember and reinvent slavery and race in the United States and throughout the rest of the Diaspora.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**AAAD 333. Race and Public Policy in the United States. 3 Credits.**

Exploration of the relationship between race and public policy in the U.S. Primary focus on African Americans, but other racial groups also studied. Key areas include reproductive justice, health care, employment, labor, welfare, education, housing, environmental justice, policing, criminalization, foreign policy, immigration, and war.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER, RESEARCH.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** POLI 333.

**AAAD 334. Performing African American History. 3 Credits.**

Taking an issue of current or historic importance to African American communities, students conduct archival research and collect and/or analyze oral histories and work to create a documentary play that will be publicly performed.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**AAAD 335. Structure of African American English. 3 Credits.**

This course treats the structural properties of African American English. Students will learn to use sentence data to test hypotheses about language structure by investigating the phonology, syntax and semantics of African American English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**Same as:** LING 335.

**AAAD 340. Diaspora Art and Cultural Politics. 3 Credits.**

Examines the socio-political dimensions of African diaspora art and culture with a focus on African Americans in the 20th century.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**AAAD 341. Law and Society. 3 Credits.**

This course explores the intersection of law and societal developments drawing from the disciplines of history, political science, anthropology, feminist legal studies, and constitutional law. The themes of the course will vary depending on the training, research interests, and geographical concentration of the faculty teaching the course.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**AAAD 344. African American Theatre: Exploring Legacy and Contemporary Voices. 3 Credits.**

This course investigates the history and legacy, as well as contemporary trends and ideas of African American drama through the study of its literary texts, performance styles, and cultural history. We will explore how the African American's dramatists voice is shaping cultural landscapes and ongoing conversations.

**Rules & Requirements**

**Grading Status:** Letter grade.

**AAAD 350. The Harlem Renaissance. 3 Credits.**

An exploration of outstanding themes of the Harlem Renaissance's poetry, fiction, painting and visual art, and political journalism. The course includes excursions to museums and libraries. Previously offered as AAAD 450.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**AAAD 354. The Lived Experience of Inequality and Public Policy. 3 Credits.**

The course will explore the gap between public policy and the lived experiences of and reactions from constituents. Students will explore this gap by studying the development of twentieth-century public policy, examining the differing outcomes across groups, and the contemporary impact on housing, voting, education, and policing.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** PLCY 354.

**AAAD 356. The History of Hip-Hop Culture. 3 Credits.**

Examines the emergence and impact of hip-hop music and culture and its broad influence in mainstream culture, as a global phenomenon and as a vehicle embodying formative ideas of its constituent communities.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**AAAD 385. Emancipation in the New World. 3 Credits.**

Will examine the way that the process of emancipation unfolded in Haiti, Jamaica, and Cuba, with major emphasis on emancipation in the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**AAAD 386. Comparative Studies in Culture, Gender, and Global Forces. 3 Credits.**

Examines participatory development theory and practice in Africa and the United States in the context of other intervention strategies and with special attention to culture and gender.

**Rules & Requirements**

**Requisites:** Prerequisites, AAAD 101 and 130.

**Grading Status:** Letter grade.

**Same as:** WGST 386.

**AAAD 387. HIV/AIDS in Africa and the Diaspora. 3 Credits.**

This course explores the history and contemporary politics of HIV/AIDS in African communities and across the Diaspora. The differing trajectories of the epidemic on the continent, in the West, and in the Caribbean and Latin America will be explored.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**AAAD 388. Black Feminist Thought & the Speculative Imagination. 3 Credits.**

This class places transnational Black feminist thought in conversation with Black speculative fiction from across the diaspora, particularly emphasizing sci-fi and fantasy narratives set in dystopic or post-apocalyptic worlds. By reading these two traditions of writing together, we study how both genres theorize the potential sources of, responses to, and preventative measures against forms of political, social, and environmental catastrophe.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**AAAD 389. The Caribbean Anticolonial: Caribbean Literature, Film, Aesthetics, and Politics. 3 Credits.**

This course will examine literature, film, art, and music from the Caribbean that illustrates and critiques the past and present impacts of colonial rule in the region. What role has anticolonial Caribbean literature and art played in shaping the region's present and future, and in shaping global anticolonial politics?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**AAAD 391. Human Development and Sustainability in Africa and the African Diaspora. 3 Credits.**

A critical introduction to the study of development and sustainability as interlinked approaches to understanding contemporary challenges in Africa and the African diaspora. Development is a concept with multiple meanings and contextual incarnations. The course emphasizes thinking of development as a field of expertise and intervention and as a modality of change, that goes beyond economic understandings of development as simply economic growth.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**AAAD 392. Struggles to Shape the City. 3 Credits.**

Examines approaches to studying the politicization and foreclosure of urban space. Focus in particular on race and socioeconomic class as key lenses through which to interpret and understand urban spatial struggles. Examines relations of inequality in the global North and the global South and analyzes struggles to remain in the city that are central to the politics of place.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**AAAD 395. Undergraduate Research Seminar. 3 Credits.**

Permission of the instructor for nonmajors. Subject matter will vary with each instructor. Each course will concern itself with a study in depth of some problem in African, African American, or diaspora studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**AAAD 396. Independent Studies. 3 Credits.**

Permission of the director of undergraduate studies. Independent study projects defined by student and faculty advisor. Majors only.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****AAAD 400. Contemporary African Politics. 3 Credits.**

This upper level seminar examines contemporary African politics with a focus on political trends in the post-1990s period.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**AAAD 401. Poverty, Health, and Human Development in Low Income Countries. 3 Credits.**

This course provides an understanding of how poverty is defined, the consequences of poverty, and policies to reduce poverty. It explores the determinants of human development outcomes from an interdisciplinary perspective (with a heavy economics focus).

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**Same as:** PLCY 485.


**AAAD 402. African Media and Film: History and Practice. 3 Credits.**

This course explores forms of filmic and photographic representation of and by Africans. An introduction to key concepts in social theory and their application to the field of media studies and ethnography is a primary focus.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, EE- Field Work.

**Grading Status:** Letter grade.

 **AAAD 403. Human Rights: Theories and Practices in Africa. 3 Credits.**

This course explores major conceptual debates in the field of human rights. Further, it examines human rights practices and struggles in selected countries in Africa.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**AAAD 404. Music of African Diasporas. 3 Credits.**

An exploration of musical articulations of African diasporic identity focusing on aesthetics, social fields of production, and the historical development of the diaspora concept around music.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

 **AAAD 405. Contemporary African Art. 3 Credits.**

Examines modern and contemporary African art (1940s to the present) for Africans on the continent and abroad. Examines tradition, cultural heritage, colonialism, postcolonialism, local versus global, nationalism, gender, identity, diaspora.

**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** BN, GL.

**Requisites:** Prerequisite, AAAD 101 or ARTH 152 or 155; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ARTH 488.

 **AAAD 410. Gender, Sexuality, and Development in Contemporary Africa. 3 Credits.**

This upper-level seminar focuses on debates in international development studies exploring theories and policies of development, particularly those pertaining to gender, sexuality, masculinities, and women's political agency in contemporary Africa.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**AAAD 414. Senegalese Society and Culture. 3 Credits.**

This course provides an overview of Senegalese culture through movies, literary works, and scholarly books and articles. The course examines the geography, population, ethnic composition, thoughts and religious beliefs, arts and music, polygamy, status of women, and the impact of the tariqas or Sufi orders on people's daily lives.

**Rules & Requirements**

**Grading Status:** Letter grade.

**AAAD 419. African Studies Colloquium. 3 Credits.**

This course will equip students to analyze critically cutting-edge issues concerning Africa today through readings, lectures, and research. For junior/senior majors and students with an interest in Africa.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **AAAD 421. Introduction to the Languages of Africa. 3 Credits.**

This course is an introduction to the languages of Africa. No linguistics background is required. Topics include classification, characteristic linguistic features of African languages, and their role in their respective societies.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

 **AAAD 430. African American Intellectual History. 3 Credits.**

An examination of major intellectual trends in African American life from the 19th to the early 21st century.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**AAAD 444. Race, Ethnicity, and Blackness in Comparative Perspective. 3 Credits.**

This course will provide students the opportunity to compare and contrast how race, especially Blackness, and ethnicity are constructed across the globe as well as how race, politics, and policy interact in various countries. We will examine the phenomena of race and ethnicity in the political development of several countries including the U.S., South Africa, France, Australia, Brazil, and several others.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**AAAD 449. Black Women in Cinema: From the Early 1900s to the Present. 3 Credits.**

This course interrogates the diverse representations that black women personified on screen, investigates intersections between their off-screen lives and on-screen images, and explores what and how they contributed to the cinema industry. This course is a theoretical, critical, and historical examination of the black woman's cinematic experience.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**AAAD 451. Orality, Literacy, and Cultural Production: African Americans and Racial Modernity. 3 Credits.**

Examines the divide between literacy- and orality-based modes of self-expression and cultural production, and the effects of this fault line on the African American struggle for inclusion and self-definition in the United States.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **AAAD 460. Race, Culture, and Politics in Brazil. 3 Credits.**

Examines race, culture, and politics in Brazil from historical and contemporary perspectives. Focuses on dynamics of race, gender, class, and nation in shaping Brazilian social relations.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER, RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**AAAD 461. Race, Gender, and Activism in Cuba. 3 Credits.**

The course is designed to give students a simulated experience of ethnographic fieldwork and qualitative research. Students are led through a learning experience where they will examine black activism in Cuba from historical and contemporary perspectives.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**AAAD 466. Race and Gender in the Atlantic World. 3 Credits.**

This course examines constructions of race and gender in a comparative framework from the fifteenth to the mid-nineteenth century. Students will explore how people across the Atlantic understood visual differences and human diversity in emerging concepts of race. Students will also focus on how inhabitants of Africa, Europe, North America, and South America constructed the category of "woman" and "man" and the constraints and liberties these constructions imposed.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**AAAD 480. Vernacular Traditions in African American Music. 4 Credits.**

Explores performance traditions in African American music, tracing development from African song through reels, blues, gospel, and contemporary vernacular expression. Focuses on continuity, creativity, and change within African American aesthetics. Previously offered as FOLK 610/AAAD 432.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** HS, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** FOLK 480.

**AAAD 485. Transnational Black Feminist Thought and Practice. 3 Credits.**

This course uses social science approaches to explore the development of black feminist thought and activism in diverse cultural and national contexts. Students will gain knowledge of black feminist thought writing and activism in Europe, Latin America, the Caribbean, and the United States.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER, RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**AAAD 486. Africa in the American Imagination. 3 Credits.**

Examines the ways African art appears in United States popular culture (advertisements, magazines, toys, films, art) to generate meanings about Africa. Addresses intersecting issues of nationalism, multiculturalism, imperialism, nostalgia, and race. Restricted to sophomores, juniors, and seniors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**Same as:** ARTH 453.

**AAAD 487. Intellectual Currents in African and African Diaspora Studies. 3 Credits.**

In this seminar students will examine primary documents of engaged scholarship written by Africans and people of African descent in the Americas, Europe, and elsewhere in the African Diaspora.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Requisites:** Prerequisites, AAAD 101 and 130; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**AAAD 488. Human Rights and Democracy in African Diaspora Communities. 3 Credits.**

This course examines how questions of democracy and human rights have been conceptualized in African Diaspora communities in the Americas and Europe.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**AAAD 490. Colloquium in African, African American, and Diaspora Studies. 3 Credits.**

This course is designed to give students a broad-ranging, interpretative perspective on-and analytical tools for studying-the migration and settlement of African peoples in various parts of the world, largely over the past several centuries. Based on selected secondary readings, students will study and compare the ways in which people of African descent have created political, cultural, and territorial communities in Africa and beyond the continent, especially in the slave and post-emancipation societies of the Americas.

**Rules & Requirements**

**Grading Status:** Letter grade.

**AAAD 491. Class, Race, and Inequality in America. 3 Credits.**

Examines the origins of race in America, the relationship of racial oppression to class struggle at key points in American history, the proliferation of versions of the concept of privilege, and approaches to eliminating class and racial privilege.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

### **AAAD 492. Urbanism in the Global South. 3 Credits.**

This course introduces concepts and themes on the development of urbanism in the "Global South". Students engage with current debates over urbanism in the Global South, including looking at urban inequalities in contemporary cities. Through the course, students will be able to compare and critically analyze formations of contemporary urbanism in selected cities in the Global South from a comparative perspective.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Grading Status:** Letter grade.

**Same as:** PLAN 576.

### **AAAD 691H. Honors Research I. 3 Credits.**

Permission of the department. Beginning of mentored research on an honors thesis. Required of all candidates for graduation with honors in African, African American, and Diaspora studies.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

### **AAAD 692H. Honors Research II. 3 Credits.**

Permission of the department. Completion of an honors thesis under the direction of a member of the faculty. Required of all candidates for graduation with honors in African, African American, and Diaspora studies.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## **CHWA–Chichewa**

### **Advanced Undergraduate and Graduate-level Courses**

#### **CHWA 401. Elementary Chichewa I. 3 Credits.**

The course introduces the essential elements of the Chichewa language. Emphasis is on speaking and writing grammatically acceptable Chichewa and on aspects of central African culture.

#### **Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

#### **CHWA 402. Elementary Chichewa II. 3 Credits.**

Emphasis is on speaking and writing grammatically acceptable Chichewa to a proficiency level that will enable the student to live among the Chichewa-speaking people of central southern Africa.

#### **Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CHWA 401.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

### **CHWA 403. Intermediate Chichewa I. 3 Credits.**

Continued instruction in Chichewa following the materials introduced in CHWA 401 and 402.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CHWA 402.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

## **LGLA–Lingala**

### **Advanced Undergraduate and Graduate-level Courses**

#### **LGLA 401. Elementary Lingala I. 3 Credits.**

Introduces the essential elements of Lingala structure and vocabulary and aspects of African cultures. Aural comprehension, reading, speaking, and writing are stressed.

#### **Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

#### **LGLA 402. Elementary Lingala II. 3 Credits.**

Continues the introduction of the essential elements of Lingala structure and vocabulary and aspects of African cultures. Aural comprehension, reading, speaking, and writing are stressed.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, LGLA 401.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

#### **LGLA 403. Intermediate Lingala III. 3 Credits.**

This courses increases language learning ability, communicative proficiency, and proficiency in the cultures of the Lingala-speaking people.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

#### **LGLA 404. Intermediate Lingala IV. 3 Credits.**

This course reinforces language learning ability, communicative proficiency in the culture of the Lingala-speaking people through gradual exposure to more challenging tasks, with emphasis on poetry and prose reading, and creative writing.

#### **Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

## SWAH–Kiswahili

### Undergraduate-level Courses

#### SWAH 112. Intensive Kiswahili 1-2. 6 Credits.

SWAH 112 covers two elementary courses: SWAH 401 - Elementary Kiswahili I and SWAH 402 - Elementary Kiswahili II. Whereas the course has a special place for structural aspects of the language, emphasis is particularly placed on the four language skills namely, speaking, writing, reading, and listening. Students cover a wide range of social, economic and political issues in East Africa.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1 & 2 combined.

#### SWAH 234. Intensive Kiswahili 3-4. 6 Credits.

The course covers the material in the SWAH 403 and 404 sequence in a single semester. Students may not receive credit for both SWAH 403 and SWAH 404 or SWAH 234 .

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLOBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SWAH 112 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 3 & 4 combined.

### Advanced Undergraduate and Graduate-level Courses

#### SWAH 401. Elementary Kiswahili I. 3 Credits.

This course is the first part of Elementary Swahili. Students will be introduced to the basic elements of Standard Swahili language and culture. At the end of this course, students are expected to reach Novice High according to the American Council on the Teaching of Foreign Languages (ACTFL) proficiency guidelines. In addition to Swahili language, students are exposed to topics on socioeconomic issues in East Africa, for example, greetings and social norms, nutrition and housing.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

#### SWAH 402. Elementary Kiswahili II. 3 Credits.

This course is a continuation of Elementary Swahili I. It introduces more advanced grammar, emphasizes more fluency in speaking, reading, and writing in standard Swahili. The course develops students understanding of the Swahili culture and the East African people who use Swahili as the language of wider communication. Students develop an understanding and appreciation of languages and cultures other than their own.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SWAH 401.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

#### SWAH 403. Intermediate Kiswahili III. 3 Credits.

This course is the first part of Intermediate Swahili. Students taking this course are assumed to have taken Swahili Elementary I & II where basic elements of Standard Swahili language and culture are introduced. The course is designed to further help students improve their fluency with emphasis on reading, writing, speaking and listening. Further, students make some comparisons between their cultures and the culture of Swahili speaking people and the East African people in general.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLOBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SWAH 112 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

#### SWAH 404. Intermediate Kiswahili IV. 3 Credits.

SWAH 404 is designed to further help students improve their fluency with particular emphasis on reading, writing, speaking, and listening. At this level students discuss varied issues in East Africa including state and local government political and economic activities, kinship ties, transportation, and Swahili oral and written literature. Students are encouraged to use the knowledge acquired in their respective areas of specializations and personal experiences to make connections and comparisons.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SWAH 403.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

#### SWAH 405. Advanced Kiswahili V. 3 Credits.

Advanced Swahili aims at developing fluency and proficiency in Swahili language and students' understanding of the social, economic, and political situation and activities of the East African people. Further, the course is designed to develop the students' ability to describe events, express opinions, and compare what they learn in class with personal experience and knowledge in their respective fields of specialization using structured arguments.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL, COMMBEYOND.

**Requisites:** Prerequisite, SWAH 404.


**Grading Status:** Letter grade.

**Global Language:** Level 5.

#### SWAH 406. Advanced Plus Kiswahili VI. 3 Credits.

This course reinforces and expands the grammatical, cultural, and communicative competence achieved in SWAH 405.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL, COMMBEYOND.

**Requisites:** Prerequisite, SWAH 405 or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**SWAH 408. Swahili Across the Curriculum Recitation. 1 Credits.**

SWAH 408 explores contemporary health issues and other current affairs in Africa. The course is designed to help students understand the basic health issues in Africa as well as develop their language skills in reading, listening, comprehension and writing of Swahili language. Further, students will examine how language and culture impact beliefs and behaviors, and how together, these impact health interventions.

**Rules & Requirements**

**Requisites:** Prerequisite, SWAH 403 or permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**WOLO–Wolof****Advanced Undergraduate and Graduate-level Courses****WOLO 401. Elementary Wolof I. 3 Credits.**

WOLO 401 (Elementary Wolof I) is appropriate for beginners with no background in the language.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**WOLO 402. Elementary Wolof II. 3 Credits.**

WOLO 402 (Elementary Wolof 2) is appropriate for learners who have completed (or placed successfully out of) WOLO 401.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, WOLO 401.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

 **WOLO 403. Intermediate Wolof III. 3 Credits.**

WOL 403 is appropriate for learners who have completed (or successfully placed out of) Elementary Wolof 2.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, WOLO 402.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**WOLO 404. Intermediate Wolof IV. 3 Credits.**

WOL 404 is appropriate for learners who have completed Intermediate Wolof 1.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, WOLO 403.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**WOLO 405. Advanced Wolof V. 3 Credits.**

This course is intended for learners who have acquired Wolof proficiency in WOLO 403 and 404. It provides students with the communication and linguistic skills needed to communicate fluently at the near-native level.

**Rules & Requirements**

**Requisites:** Prerequisite, WOLO 404.

**Grading Status:** Letter grade.

**WOLO 406. Advanced Wolof VI. 3 Credits.**

This course is intended for learners who have acquired Wolof proficiency in WOLO 405. It provides students with the advanced communication and linguistic skills needed to communicate fluently at the native level.

**Rules & Requirements**

**Requisites:** Prerequisite, WOLO 405.

**Grading Status:** Letter grade.

**YORU–Yoruba****Advanced Undergraduate and Graduate-level Courses****YORU 401. Elementary Yoruba I. 3 Credits.**

This course is an introduction to Yoruba and is intended for students with no prior knowledge of the language and culture of Yorubaland. The course emphasizes spoken and written Yoruba, as used in present day West Africa. At the end of this course, students are expected to reach Novice High according to the American Council Council on the Teaching of Foreign Languages (ACTFL) proficiency guidelines.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**YORU 402. Elementary Yoruba II. 3 Credits.**

It introduces more advanced grammar and emphasizes more fluency in speaking, reading, and writing in standard Yoruba. The course develops students understanding of the Yoruba culture and the West African people who use Yoruba as the language of wider communication. To learn the Yoruba language and culture, students cover a wide range of socioeconomic and political topics including greetings, nutrition, health, housing, business and political leadership.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, YORU 401; Permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

 **YORU 403. Intermediate Yoruba III. 3 Credits.**

Intermediate Yoruba III is a continuation of Elementary Yoruba. It is the first of two intermediate level courses of the language. Students taking this course are assumed to have taken Yoruba Elementary I & II where basic elements of Yoruba language and culture are introduced. Emphasis is placed on reinforcing the basic structures learned in Elementary Yoruba I and II through oral and aural activities and increasing the level of active vocabulary.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**Contact Information****Department of African, African American, and Diaspora Studies**

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## African, African American, and Diaspora Studies Major, B.A.

The curriculum of the Department of African, African American, and Diaspora Studies emphasizes the histories, cultures, cultural linkages, and contemporary sociopolitical and economic realities of Africa and the African diasporas in the context of a globalizing world. The major offers a concentration in African studies and a concentration in African American and diaspora studies.

### Student Learning Outcomes

Upon completion of the African, African American, and Diaspora studies program, students should be able to:

- Demonstrate in-depth knowledge of foundational intellectual currents (historical and contemporary) in African, African American, and Diaspora studies.
- Apply research skills by formulating a research project as outlined in the required literature, generating a research question, developing procedures for gathering research data, analyzing the data, and writing results and conclusions.
- Present research results effectively (clear and well-argued content, appropriate for audience, professional delivery).
- Identify and explain sources (national and global) of historical change that have shaped Africa and its diaspora
- Draw on relevant theoretical insights and empirical data to analyze historical or contemporary issues pertaining to diverse societies in Africa, African American communities, and other African diasporic formations in Europe and Latin America

### Requirements


In addition to the program requirements, students must




- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Students may complete the requirements for the African studies concentration or the African American and diaspora studies concentration.

### African Studies Concentration

Code	Title	Hours
<b>Core Requirements</b>		
AAAD 101	 Introduction to Africa	3

AAAD 130	 Introduction to African American and Diaspora Studies	3
AAAD 395	 Undergraduate Research Seminar (offered fall semester only)	3
AAAD 487	 Intellectual Currents in African and African Diaspora Studies (offered spring semester only)	3
Six additional courses apportioned in the following way: <sup>1,2</sup>		18
One African American and Diaspora studies, or transnational, course chosen from AAAD 130–AAAD 184, AAAD 230–AAAD 284, AAAD 286, AAAD 287, AAAD 298, AAAD 330–AAAD 384, AAAD 385, AAAD 388, AAAD 389, AAAD 391, AAAD 392, AAAD 430–AAAD 484, AAAD 485, AAAD 488, AAAD 489, AAAD 491, AAAD 492		
As many as three courses chosen from AAAD 100–AAAD 129, AAAD 200–AAAD 229, AAAD 300–AAAD 329, AAAD 386, AAAD 387; LGLA 404; SWAH 404, SWAH 405, SWAH 406; WOLO 404		
At least two courses chosen from AAAD 400–AAAD 429		








**Total Hours** **30**

<sup>1</sup> First-year seminars do not count toward the major.




<sup>2</sup> Please contact the director of undergraduate studies if you have questions about this requirement.

### Recommended





Three semesters of one African language (either to fulfill the global language Gen Ed requirement or in addition to it) are recommended for the concentration in African studies. The following African language courses currently are offered:

Code	Title	Hours
<b>Arabic:</b>		
ARAB 101	Elementary Arabic I	4
ARAB 102	Elementary Arabic II	4
ARAB 203	 Intermediate Arabic I	4
ARAB 204	Intermediate Arabic II	4
ARAB 305	Advanced Arabic I	3
ARAB 306	Advanced Arabic II	3
<b>Chichewa:</b>		
CHWA 401	Elementary Chichewa I	3
CHWA 402	Elementary Chichewa II	3
CHWA 403	 Intermediate Chichewa I	3
<b>Lingala:</b>		
LGLA 401	Elementary Lingala I	3
LGLA 402	 Elementary Lingala II	3
LGLA 403	 Intermediate Lingala III	3
LGLA 404	Intermediate Lingala IV	3
<b>Kiswahili:</b>		
SWAH 112	Intensive Kiswahili 1-2	6
SWAH 234	 Intensive Kiswahili 3-4	6
SWAH 401	Elementary Kiswahili I	3
SWAH 402	Elementary Kiswahili II	3
SWAH 403	 Intermediate Kiswahili III	3
SWAH 404	 Intermediate Kiswahili IV	3



SWAH 405	 Advanced Kiswahili V	3
SWAH 406	 Advanced Plus Kiswahili VI	3
<b>Wolof:</b>		
WOLO 401	Elementary Wolof I	3
WOLO 402	Elementary Wolof II	3
WOLO 403	 Intermediate Wolof III	3
WOLO 404	Intermediate Wolof IV	3

## African American and Diaspora Studies Concentration

Code	Title	Hours
<b>Core Requirements</b>		
AAAD 101	 Introduction to Africa	3
AAAD 130	 Introduction to African American and Diaspora Studies	3
AAAD 395	 Undergraduate Research Seminar (offered fall semester only)	3
AAAD 487	 Intellectual Currents in African and African Diaspora Studies (offered spring semester only)	3
Six additional courses apportioned in the following way: <sup>1,2</sup>		18
One African studies or transnational course chosen from AAAD 100–AAAD 129, AAAD 200–AAAD 229, AAAD 288, AAAD 300–AAAD 329, AAAD 386, AAAD 387, AAAD 391, AAAD 392, AAAD 400–AAAD 429, AAAD 492		
As many as three courses chosen from AAAD 130–AAAD 184, AAAD 230–AAAD 284, AAAD 286, AAAD 287, AAAD 298, AAAD 330–AAAD 384, AAAD 385, AAAD 388, AAAD 389		
At least two courses chosen from AAAD 430–AAAD 484, AAAD 485, AAAD 488, AAAD 491		
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> First-year seminars do not count toward the major.

<sup>2</sup> Please contact the director of undergraduate studies if you have questions about this requirement.

## Special Opportunities in African, African American, and Diaspora Studies

### Honors in African, African American, and Diaspora Studies

Students with an overall grade point average of 3.3 or higher at the beginning of their senior year *and who have already completed* AAAD 395 are encouraged to apply for candidacy for the B.A. with honors. Students interested in undertaking honors research and the writing of a thesis should consult with the department's honors coordinator no later than in their junior year to discuss the process of applying to the program. Approved candidates will enroll in AAAD 691H in the fall semester of their senior year. Upon completion of AAAD 691H and with the approval of the student's thesis director and the department's honors coordinator, students enroll in AAAD 692H in the spring semester. AAAD 691H can count as one of the five courses students must take in their concentration of study.

## Departmental Involvement

The department works closely with the African Studies Center, the Center for the Study of the American South, the Institute of African American Research, and the Sonja Haynes Stone Center for Black Culture and History. These units provide UNC–Chapel Hill and wider communities with important programming on and an opportunity for the advanced study of issues concerning Africa, African America, and other parts of the African Diaspora.

## Study Abroad

There are several opportunities for study abroad. The department offers a summer abroad program in Malawi. Honors Carolina offers a Burch seminar in Cape Town, South Africa, during the fall semester.

## Undergraduate Research

The department encourages undergraduate research. The required seminar for majors (AAAD 395) introduces students to research skills and methods in African, African American, and Diaspora studies. The honors program (AAAD 691H and AAAD 692H) offers qualified students the opportunity to engage in a yearlong process of research and writing. The department hosts an undergraduate research symposium in the spring semester, and it also publishes a scholarly journal, the *Global Africana Review*, for which undergraduates may submit articles.

## Department Programs

### Major

- African, African American, and Diaspora Studies Major, B.A. (p. 48)

### Minors

- African Studies Minor (p. 49)
- African American and Diaspora Studies Minor (p. 50)
- Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor (p. 51)

## Contact Information

### Department of African, African American, and Diaspora Studies

Visit Program Website (<http://aad.unc.edu>)

104 Battle Hall, CB# 3395

(919) 966-5496

### Chair

Claude A. Clegg III

[cclegg@email.unc.edu](mailto:cclegg@email.unc.edu)

### Director of Undergraduate Studies

Kenneth Janken

[krjanken@email.unc.edu](mailto:krjanken@email.unc.edu)

## African Studies Minor

The curriculum of the Department of African, African American, and Diaspora Studies emphasizes the histories, cultures, cultural linkages, and contemporary sociopolitical and economic realities of Africa and the African diasporas in the context of a globalizing world.









## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The undergraduate minor in African studies consists of 15 hours.

Code	Title	Hours
<b>Core Requirements</b>		
AAAD 101	 Introduction to Africa	3
Four additional courses chosen from the following list:		12
AAAD courses at or above the 100 level whose last two digits are from 00 to 29		
AAAD 288	 Global Black Popular Cultures	
AAAD 391	 Human Development and Sustainability in Africa and the African Diaspora	
AAAD 392	 Struggles to Shape the City	
AAAD 492	 Urbanism in the Global South	
LGLA 404	Intermediate Lingala IV	
SWAH 404	 Intermediate Kiswahili IV	
SWAH 405	 Advanced Kiswahili V	
SWAH 406	 Advanced Plus Kiswahili VI	
WOLO 404	Intermediate Wolof IV	
<b>Total Hours</b>		<b>15</b>

African, African American, and Diaspora Studies (AAAD) course descriptions (p. 35).

See program page here (p. 49) for special opportunities.

## Department Programs

### Major

- African, African American, and Diaspora Studies Major, B.A. (p. 48)

### Minors

- African Studies Minor (p. 49)
- African American and Diaspora Studies Minor (p. 50)
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## Contact Information

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### Chair

Claude A. Clegg III  
cclegg@email.unc.edu

### Director of Undergraduate Studies

Kenneth Janken

krjanken@email.unc.edu

## African American and Diaspora Studies Minor












The curriculum of the Department of African, African American, and Diaspora Studies emphasizes the histories, cultures, cultural linkages, and contemporary sociopolitical and economic realities of Africa and the African diasporas in the context of a globalizing world.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
AAAD 130	 Introduction to African American and Diaspora Studies	3
Four additional AAAD courses at or above the 100 level whose last two digits are from 30 to 84,		12
AAAD 286	 The African Diaspora in the Colonial Americas, 1450-1800	
AAAD 287	 Health Equity in the African Diaspora	
AAAD 298	 Blacks in British North America to 1833	
AAAD 385	Emancipation in the New World	
AAAD 388	 Black Feminist Thought & the Speculative Imagination	
AAAD 389	 The Caribbean Anticolonial: Caribbean Literature, Film, Aesthetics, and Politics	
AAAD 391	 Human Development and Sustainability in Africa and the African Diaspora	
AAAD 392	 Struggles to Shape the City	
AAAD 485	 Transnational Black Feminist Thought and Practice	
AAAD 491	 Class, Race, and Inequality in America	
AAAD 492	 Urbanism in the Global South	
<b>Total Hours</b>		<b>15</b>

African, African American and Diaspora Studies (AAAD) course descriptions (p. 35).

See program page here (p. 49) for special opportunities.

## Department Programs

### Major

- African, African American, and Diaspora Studies Major, B.A. (p. 48)

**Minors**

- African Studies Minor (p. 49)
- African American and Diaspora Studies Minor (p. 50)
- Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor (p. 51)

**Contact Information**

**Department of African, African American, and Diaspora Studies**

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 (919) 966-5496

**Chair**

Claude A. Clegg III  
 cclegg@email.unc.edu

**Director of Undergraduate Studies**

Kenneth Janken  
 krjanken@email.unc.edu




**Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor**

The minor offers students an opportunity to examine intellectual, public policy, and historical developments that have shaped the field of human development. Students enrolled in the minor systematically engage with contemporary debates pertaining to core themes underpinning the field of human development, including: food security; access to water, health, education; environmental dynamics; gender equality; sustainability (broadly defined to include building of democratic governance institutions and forms of inclusive citizenship); and human rights. In their exploration of these issues, students gain insights from anthropology, economics, environmental studies, geography, health, history, human rights, international development studies, political science, public policy, and urban and regional planning, among others. Overall, the minor provides a significant opportunity for students to explore contemporary national and global human development issues with a focus on experiences of people of African descent in Africa and the African Diaspora. The minor is open to all undergraduate students.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
AAAD 391	 Human Development and Sustainability in Africa and the African Diaspora	3
AAAD 403	 Human Rights: Theories and Practices in Africa	3
or AAAD 488	 Human Rights and Democracy in African Diaspora Communities	

AAAD/POLI 333	 Race and Public Policy in the United States	3
or AAAD 491	 Class, Race, and Inequality in America	
Two other courses from the list below: <sup>1</sup>		6
AAAD 387	 HIV/AIDS in Africa and the Diaspora	
ANTH 320	Anthropology of Development	
ECON 101	 Introduction to Economics <sup>H, F</sup>	
ENEC 325	 Water Resource Management and Human Rights <sup>H</sup>	
GEOG 268	 Geography of Africa	
HIST 340	 Ethics and Business in Africa <sup>H</sup>	
PLCY/ENEC 475	The Political Economy of Food <sup>H</sup>	
PLCY 485	Poverty, Health, and Human Development in Low Income Countries	
PLCY/ENEC 520	Environment and Development	
PLCY 570/ HPM 571	Health and Human Rights	
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Some courses are four (4) credit hours.

See program page here (p. 49) for special opportunities.

**Department Programs**

**Major**

- African, African American, and Diaspora Studies Major, B.A. (p. 48)

**Minors**

- African Studies Minor (p. 49)
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**Chair**

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**Director of Undergraduate Studies**

Kenneth Janken  
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## Department of American Studies

### Introduction

The Department of American Studies is one of the oldest interdisciplinary programs at UNC–Chapel Hill, with roots in the study of folklore and the American South going back to the 1920s. A formal program in American studies was established in 1968. In the past two decades, the department has developed strengths in sub-fields within American studies including American Indian and Indigenous studies, Southern studies, and global American studies. The Department of American Studies has a tradition of vigorous teaching and an innovative curriculum that offers stimulating opportunities to study the United States and the diversity and influence of its peoples, institutions, texts, performances, and places. The department's commitment to interdisciplinary approaches empowers students to value the nation's complexity by engaging with a variety of historical, literary, artistic, political, social, cultural, legal, racial, ethnic, and ethnographic perspectives within and beyond the United States. American studies majors graduate with a comprehension of the dynamics of American culture that prepares them to make a responsible and critical difference in the variety of professions they choose to pursue.

### Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors and minors by appointment. Further information on courses, opportunities, and honors theses may be obtained from the department's website.

### Graduate School and Career Opportunities

American studies provides a solid basis for a variety of career choices, including public service, business, teaching, museum curation, and journalism. It is an excellent liberal arts major that prepares students for graduate and professional school study in fields such as American history and literature. After receiving the baccalaureate degree, American studies majors consistently have been accepted in law and business schools, which are interested in students with a broad, interdisciplinary undergraduate education. Additionally, students have designed pathways that have prepared them for graduate school in anthropology, communication, journalism, music, and folklore, as well as for planning careers in museum curation, public arts presentation, and music production.

#### Majors

- American Studies Major, B.A. (p. 66)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 68)

#### Minors

- American Studies Minor (p. 70)
- American Indian and Indigenous Studies Minor (p. 70)

#### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

### Professors

Daniel Cobb, Elizabeth Engelhardt, Sharon Holland, Blair Kelley, Timothy Marr, Rachel Willis.

### Associate Professors

Gabrielle Berlinger<sup>1</sup>, Seth Kotch, Keith Richotte Jr., Michelle Robinson, Patricia Sawin<sup>1</sup>.

### Assistant Professors

Kelly Alexander, Kita Douglas, Ben Frey, Antonia Randolph.

### Adjunct Professors

Daniel Anderson (English and Comparative Literature), Fitzhugh Brundage (History), Maggie Cao (Art History), Claude Clegg (African, African American, and Diaspora Studies; History), Kathleen DuVal (History), Lawrence Grossberg (Communication), Philip Gura (English and Comparative Literature), Glenn D. Hinson (Anthropology)<sup>1</sup>, Heidi Kim (English and Comparative Literature), Jocelyn Neal (Music)<sup>1</sup>, Michael Palm (Communication), Eliza Richards (English and Comparative Literature), William Sturkey (History), Jane Thraikill (English and Comparative Literature), Timothy Tyson (Center for Documentary Studies at Duke), Ariana Vigil (Women's and Gender Studies).

<sup>1</sup> Core members of the Folklore program

### Affiliated Faculty

Anna Agba-Davies (Anthropology), María DeGuzmán (English and Comparative Literature), Rebecka Rutledge Fisher (English and Comparative Literature), Juliane Hammer (Religion), Jordynn Jack (English and Comparative Literature), Martin Johnson (English and Comparative Literature), Scott Kirsch (Geography), Valerie Lambert (Anthropology), John Sweet (History), Matt Taylor (English and Comparative Literature), Harry Watson (History), Molly Worthen (History).

### Professors Emeriti

Robert Allen, Marcie Cohen Ferris, William Ferris, Peter Filene, Bernard Herman<sup>1</sup>, John Kasson, Joy Kasson, Daniel W. Patterson, Theda Perdue, Charles Gordon Zug.

## AMST–American Studies Undergraduate-level Courses

### AMST 51. First-Year Seminar: Navigating America. 3 Credits.

Analyze American journeys and destinations, focusing on how resources, technology, transportation, and cultural influences have transformed the navigation and documentation of America. Multimedia documentation of personal journey required.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, CI, EE- Field Work.

**Grading Status:** Letter grade.

### AMST 53. First-Year Seminar: The Family and Social Change in America. 3 Credits.

This course uses changes in the American family over the past century as a way of understanding larger processes of social change. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** HS, CI, NA.

**Grading Status:** Letter grade.

### AMST 54. First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800. 3 Credits.

This course uses archaeological and historical scholarship to consider the histories of the Southern Indians from the Mississippian period to the end of the 18th century.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** HS, US, WB.


**Grading Status:** Letter grade.

**Same as:** ANTH 54.

### AMST 55. First-Year Seminar: Birth and Death in the United States. 3 Credits.

This course explores birth and death as essential human rites of passage that are invested with significance by changing and diverse American historical, cultural, ethnic, and ethical contexts. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-KNOWING or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** PH, CI, US.

**Grading Status:** Letter grade.

### AMST 59. First-Year Seminar: American Indian Art in the 20th Century. 3 Credits.

This course examines 20th-century American Indian art within the context of critical topics in the field such as sovereignty, colonialism, modernity, modernism, gender, and representation.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** VP, CI, US.

**Grading Status:** Letter grade.

### AMST 60. First-Year Seminar: American Indians in History, Law, and Literature. 3 Credits.

This research seminar provides a grounding in American Indian law, history, and literature. Students will conduct research for presentation on Wikipedia.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

### AMST 61. First-Year Seminar: Navigating the World through American Eyes. 3 Credits.

Designed to help prepare students for future study abroad opportunities and travel, service, and work in a global environment, the seminar focuses on critical differences, including transportation and other forms of infrastructure, that impact navigating places, people, and information. Individual competitive global travel proposals will be developed and presented.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

### AMST 62. First-Year Seminar: Mobility, Roads, NASCAR, and Southern Culture. 3 Credits.

This seminar looks at the culture, history, memories, and meanings of mobility for a diverse range of people in southern cultures. In particular, students will read and discuss books and articles by scholars on roads, cars, access, and diverse southern cultures.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

### AMST 65. First-Year Seminar: North Carolina Black Feminisms. 3 Credits.

Students will develop their own sense of Black feminist thought and practice through exploring the lives and works of several key Black feminist figures with ties to North Carolina: Harriet Jacobs, Anna Julia Cooper, Pauli Murray, Ella Baker, Nina Simone, Jaki Shelton Green, and Alexis Pauline Gumbs. Students will put these figures in context of Black feminist thought and will do hands-on activities that reflect Black feminist practices including poetry, dance, and painting.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-CREATE or FC-POWER.

**Grading Status:** Letter grade.

### AMST 70. First-Year Seminar: Language in the U.S.A. 3 Credits.

The linguistic landscape of the United States in historical and contemporary perspective: American English dialects, language maintenance and shift among Native American and immigrant groups, language politics and policy.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** LING 70.

**AMST 75. First-Year Seminar: Food and the Media. 3 Credits.**

This course examines how food representations establish, reproduce, and also counter cultural and social assumptions about individuals and communities. We will consider the impact of the history of advertising in America on our national food habits and practices, the issue of authenticity in food and its intersection with the American immigrant food experience, the complicated gender politics of resistance baking movements, and the literary voices that shape ideas about American food politics and ethics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-CREATE or FC-POWER.  
**Grading Status:** Letter grade.

**AMST 89. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

**AMST 101. This Place Called "America". 3 Credits.**

Interdisciplinary examination of two centuries of American culture, focusing on moments of change and transformation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.  
**Making Connections Gen Ed:** HS, NA.  
**Grading Status:** Letter grade.

**AMST 102. Myth and History in American Memory. 3 Credits.**

Examines the role of memory in constructing historical meaning and in imagining the boundaries of American cultural communities. Explores popular rituals, artifacts, monuments, and public performances. Previously offered as AMST 384.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.  
**Making Connections Gen Ed:** HS, NA, US.  
**Grading Status:** Letter grade.

**AMST 110. Introduction to the Cultures and Histories of Native North America. 3 Credits.**

An interdisciplinary introduction to Native American history and studies. The course uses history, literature, art, and cultural studies to study the Native American experience.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.  
**Making Connections Gen Ed:** HS, NA, US.  
**Grading Status:** Letter grade.  
**Same as:** HIST 110.

**AMST 175. Introduction to Food Studies: From Science to Society. 3 Credits.**

Introduction to food studies covering a variety of topics including how food was consumed over history, land use and aquaculture, food in the arts, food and culture in the American South, food politics, and nutrition science.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.  
**Making Connections Gen Ed:** GL, NA.  
**Grading Status:** Letter grade.  
**Same as:** NUTR 175, ANTH 175.

**AMST 201. Literary Approaches to American Studies. 3 Credits.**

A study of interdisciplinary methods and the concept of American Studies with an emphasis on the historical context for literary texts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.  
**Making Connections Gen Ed:** LA, NA, US.  
**Grading Status:** Letter grade.

**AMST 202. Historical Approaches to American Studies. 3 Credits.**

A study of interdisciplinary methods and the concept of American studies with an emphasis on historical and cultural analysis.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.  
**Making Connections Gen Ed:** HS, NA.  
**Grading Status:** Letter grade.

**AMST 203. Approaches to American Indian Studies. 3 Credits.**

Introduces students to the disciplines comprising American Indian studies and teaches them how to integrate disciplines for a more complete understanding of the experiences of American Indian peoples.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.  
**Making Connections Gen Ed:** HS, NA, US.  
**Grading Status:** Letter grade.  
**Same as:** ANTH 203.

**AMST 210. This Place Called "The South". 3 Credits.**

An examination of both the mythical and real American South and its diverse peoples through the study of the region's archaeological, geographical, and environmental history integrated with the study of the region's sociology and its economic, political, intellectual, and religious history.


**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.  
**Making Connections Gen Ed:** HS, NA, US.  
**Grading Status:** Letter grade.

 **AMST 211. Approaches to Southern Studies: The Literary and Cultural Worlds of the American South. 3 Credits.**


An examination of Southern cultural identity, literary imagination, and sense of place with an emphasis on the fiction, folklore, foodways, art, architecture, music, and material culture of the American South.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** LA, NA, US.

**Grading Status:** Letter grade.

 **AMST 220. On the Question of the Animal: Contemporary Animal Studies. 3 Credits.**


This course is an introduction to "animal studies," through animal rights, animal welfare, food studies, and the human/animal distinction in philosophical inquiry. We will read work from dog and horse trainers, and explore the history of the American racetrack. This course builds a moral and ethical reasoning skill set.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

 **AMST 225. Comedy and Ethics. 3 Credits.**


This course explores the historical, sociocultural, and legal significance of 20th- and 21st-century comedy in the United States. We will consider comedy as public voice; examine how humor constructs and disrupts American identities; and discuss the ethics of the creative process, performance, and reception. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

 **AMST 225L. The Practice of Stand Up Comedy. 1 Credits.**

Students will learn and practice the art of stand up comedy via structured assignments, group workshops, live performances and conversations that build on topics introduced in AMST 225. Class size is limited to 15 students. Instructor permission required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Requisites:** Pre- or corequisite, AMST 225.

**Grading Status:** Letter grade.

 **AMST 231. Native American History: The East. 3 Credits.**

Covers the histories of American Indians east of the Mississippi River and before 1840. The approach is ethnohistorical.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** HIST 231.

**AMST 233. Native American History: The West. 3 Credits.**

Deals with the histories of Native Americans living west of the Mississippi River. It begins in the pre-Columbian past and extends to the end of the 19th century.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 233.

 **AMST 234. Native American Tribal Studies. 3 Credits.**

This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** HIST 234, ANTH 234.

 **AMST 235. Native America in the 20th Century. 3 Credits.**

This course deals with the political, economic, social, and cultural issues important to 20th-century Native Americans as they attempt to preserve tribalism in the modern world.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 235.


**AMST 246. Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America. 3 Credits.**

Offers a historically, politically, and culturally contextualized examination of Native America through oral, written, and visual storytelling. Covering a wide range of genres, including oral narratives, novels, and visual arts, this introductory course showcases the fluidity of Indigenous artistic forms and their continuing centrality in Native America.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

 **AMST 248. Intersectionality: Race, Gender, Sexuality, and Social Justice. 3 Credits.**

The first goal of this super course is to give students real tools for how to address multiple modes of difference and identity formations like race, gender, class, and sexuality.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**Same as:** ENGL 248, POLI 248, WGST 249.

**AMST 252. Muslim American Literatures and Cultures. 3 Credits.**

This course examines the diversity of Muslims in America and the variety of creative expression created throughout this long history of transcultural involvement.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** LA, CI, US.

**Grading Status:** Letter grade.

**AMST 253. A Social History of Jewish Women in America. 3 Credits.**

This course examines the history and culture of Jewish women in America from their arrival in New Amsterdam in 1654 to the present and explores how gender shaped this journey.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** JWST 253, WGST 253.

**AMST 255. Difference and Power in American Culture(s). 3 Credits.**

This course examines a broad range of topics (race, class, sexuality, gender, and/or disability for example) that focus on power in the United States. We will move across a range of interdisciplinary sources and historical moments to understand who and what we are to one another in our national landscape.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**AMST 256. Anti-'50s: Voices of a Counter Decade. 3 Credits.**

We remember the 1950s as a period of relative tranquility, happiness, optimism, and contentment. This course will consider a handful of countertexts: voices from literature, politics, and mass culture of the 1950s that for one or another reason found life in the postwar world repressive, empty, frightening, or insane and predicted the social and cultural revolutions that marked the decade that followed.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**AMST 257. Melville: Culture and Criticism. 3 Credits.**

Investigates the significance of Herman Melville as a representative 19th-century American author. Includes issues of biography, historical context, changing reception, cultural iconography, and the politics of the literary marketplace.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH, RESEARCH.

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

**AMST 258. Captivity and American Cultural Definition. 3 Credits.**

Examines how representations of captivity and bondage in American expression worked to construct and transform communal categories of religion, race, class, gender, and nation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** LA, NA, US.

**Grading Status:** Letter grade.

**AMST 259. Tobacco and America. 3 Credits.**

Explores the significance of tobacco from Native American ceremony to the Southern economy by focusing on changing attitudes toward land use, leisure, social style, public health, litigation, and global capitalism.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** HS, CI, US.

**Grading Status:** Letter grade.

**AMST 265. The Black Interior. 3 Credits.**

What aesthetics and politics do Black people produce when their gaze is turned inward? This course examines representations of the inner lives of African American people in media such as film, visual art, and music to understand the Black private sphere. This survey course is intended for intermediate level undergraduate students.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**AMST 268. American Cinema and American Culture. 3 Credits.**

Examines the relationship between cinema and culture in America with a focus on the ways cinema has been experienced in American communities since 1896.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**AMST 269. Mating and Marriage in America. 3 Credits.**

Interdisciplinary examination of the married condition from colonial times to the present. Themes include courtship and romance, marital power and the egalitarian ideal, challenges to monogamy.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** HS, CI, US.

**Grading Status:** Letter grade.



**AMST 275. Food and American Culture. 3 Credits.**

In this course, we will explore the ways in which food shapes the politics and ethics of individuals and communities and is an increasingly important marker of social and cultural identities. Lessons for this course focus on the symbolic functions of food in the construction of personal, cultural, political, and community identity.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** SS, GL, US.

**Grading Status:** Letter grade.

**AMST 276. Food and American Culture: What We Eat and Who We Are. 3 Credits.**

This course will take students on a journey through some of the key moments in "American" food studies and its beginnings across a range of disciplinary homes: the study of nutrition and food security; the study of food systems and the vocabularies that subtend them.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**AMST 277. America's Role in the Global Environment. 3 Credits.**

Using an interdisciplinary approach, this course explores the historical role and implications for the US and other nations with respect to transnational environmental issues including climate change, sustainability, and migration.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**AMST 278. Crimes and Punishments. 3 Credits.**

This course explores the social history and culture of crime, deviant behavior, and punishment in America between the pre-revolutionary period and today. It traces the history of longstanding institutions; examines elements of American history from a criminal justice perspective; and seeks historical origins and continuities for contemporary problems.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, CI, NA.

**Grading Status:** Letter grade.

**AMST 283. American Home. 3 Credits.**

Examines themes in the history and design of the most intimate and most public of objects - the house. Residences, from tract house mansions to apartment buildings, are powerful statements about how we see our society and how circumstances and choice lead us to house ourselves. Previously offered as AMST 466.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, CI, EE- Field Work.

**Grading Status:** Letter grade.

**AMST 284. Visual Culture. 3 Credits.**

This course investigates how we make and signify meaning through images, ranging from art to advertising to graffiti, and provides the critical tools to understand the visual worlds we inhabit.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**AMST 287. Introduction to American Legal Education. 3 Credits.**

Introduces students to how legal education is conducted in the United States by mimicking the "1L" experience, or first year in law school. It is broken into units that represent classes every law school teaches in the first year: contracts, property, torts, criminal law, civil procedure, and constitutional law.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**AMST 290. Topics in American Studies. 3 Credits.**

Special topics in American studies.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**AMST 291. Ethics and American Studies. 3 Credits.**

An interdisciplinary seminar in American studies addressing ethical issues in the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**AMST 292. Historical Seminar in American Studies. 3 Credits.**

Topics in American history in American studies. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**AMST 294. American Studies Seminar on Aesthetic Perspective. 3 Credits.**

Topics in arts and literature from the perspective of American studies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**AMST 317. Adoption in America. 3 Credits.**

An interdisciplinary approach to the history of adoption and related practices in the United States, employing the provisions society has made for the welfare of children deemed to be orphans as a powerful lens into changing values and attitudes toward childhood, race, class, gender, reproduction, parenthood, and family.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**AMST 320. Critical Issues and Theories in American Studies. 3 Credits.**

This course will move through prevalent critical theories in American Studies. Students will come away with advanced understanding of theoretical concepts and be able to ascertain both the advantages and pitfalls of their landscapes. Students will become familiar with critical race (postcoloniality and settler-colonialism, for example), feminist, "queer" theories, historical materialism, new materialism, political economy, just to name a few. Previously offered as AMST 420.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER, RESEARCH.

**Grading Status:** Letter grade.

**AMST 325. Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art. 3 Credits.**

This course focuses on the contemporary art and social change movement. We will learn how to use site-specific and performative art interventions to make invisible borders, boundaries, and other issues visible and innovatively to create engaged and sustained dialogue.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-GLOBAL.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**Same as:** WGST 325.

**AMST 330. del norte a norte: An American Songbook. 3 Credits.**

Through the examination of a variety of song cultures and its artistic and cultural expressions, we explore the interdisciplinary methods of American studies and contemporary approaches to the study of American society and cultures, with an emphasis on musical performance. In partnership with Carolina Performing Arts, students will learn about the sociocultural, aesthetic, and critical components of song cultures associated with social change, exploring identity, diversity, privilege, cultures, and justice while participating in community service.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, EE- Service Learning, US.

**Grading Status:** Letter grade.

**AMST 336. Native Americans in Film. 3 Credits.**

This course is about Hollywood's portrayal of Indians in film, how Indian films have depicted Native American history, and why the filmic representation of Indians has changed over time.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA, US.

**Grading Status:** Letter grade.

**AMST 337. American Indian Activism since 1887: Beyond Red Power. 3 Credits.**

This course seeks to understand how American Indian individuals and communities survived a century that began with predictions of their disappearance. To answer that question, we take a broad view of politics and activism, exploring everything from the radical protest to art and everyday forms of resistance.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**AMST 338. American Indian Novel. 3 Credits.**

This course examines this art form's development by indigenous writers as a mode of storytelling that explores the continuing effects of settler colonialism upon indigenous peoples and foregrounds indigenous notions of land, culture, and community.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, CI, US.

**Grading Status:** Letter grade.

**AMST 339. The Long 1960s in Native America. 3 Credits.**

An interdisciplinary exploration of Native America during the "long 1960s" (1954-1973), this course focuses on how American Indian experiences intersected with and diverged from those of non-native groups via topics such as the youth movement, women's rights, nationalism, civil rights, radical protest, and creative expression.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, CI, US.

**Grading Status:** Letter grade.

**AMST 340. American Indian Art and Material Culture through Interdisciplinary Perspectives. 3 Credits.**

Analyzes material culture created by Native artists throughout the United States and portions of Canada. Examines the role of art and artists and how material culture is studied and displayed. Students study objects, texts, and images, exploring mediums such as painting, sculpture, basket making, beadwork, and photography.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**AMST 341. Digital Native America. 3 Credits.**

This is a project-based course that explores settler colonial appropriations of American Indian knowledge. Students then use new technologies as a means of engaging in the digital re-representation and return of this knowledge. Instructor and topics vary.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**AMST 345. Issues in the Indigenous World. 3 Credits.**

This course will explore the Indigenous world in various settler colonial contexts. We will come to understand the communities who claim Indigenous status, commonalities among Indigenous peoples, and differences that create important distinctions in places like the U.S. Australia, Canada, and New Zealand. We will also learn how Indigenous peoples around the world continue to respond to various aspects of colonialism, including but not limited to law and policy, representation, art, and human rights.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, EE- Study Abroad, GL.

**Grading Status:** Letter grade.

**AMST 351. Global Waters, American Impacts, and Critical Connections. 3 Credits.**

Water is a vital element for life, food, energy, and transportation. Nations are connected and separated by water through borders and trade. This seminar will examine key impacts on American port cities with respect to water: global infrastructure, foodsheds, health, and diseases.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, CI, GL.

**Grading Status:** Letter grade.

**AMST 352. The Asian American Experience. 3 Credits.**

The course addresses the history and sociology of Asian immigration and experience in the United States, as well as the formation of diasporic identities among Asian Americans.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** ASIA 350.

**AMST 353. Southeast Asian North Carolina. 3 Credits.**

Drawing from Asian American Studies and Asian Studies, the course explores the political histories and lived experiences of Southeast Asians and Southeast Asian Americans in North Carolina. Students will consider issues relevant to NC Southeast Asian communities such as food justice, labor organizing, mental health support, anti-racism work, transnational connections, etc. Course materials will include both written academic works and first-person narrative accounts from local community members.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**Same as:** ASIA 353.

**AMST 354. Asian American Graphic Form. 3 Credits.**

This course will survey Asian American graphic form: written and/or drawn works from the late 1900s to present. We will begin by considering orientalism in both American popular culture and modernist aesthetics. We will then examine works by Asian American writers and artists in a range of mediums including graphic memoir and novels, comics, animation, manga and anime, illustrated books, zines, textual art, and visual poetry.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Grading Status:** Letter grade.

**AMST 365. Women and Detective Fiction: From Miss Violet Strange to Veronica Mars. 3 Credits.**

Traces the origins of detective fiction and major developments in the history of the genre with a focus on women authors and protagonists. Examines literary texts including fiction and film, with close attention to historical and social contexts and to theoretical arguments relating to popular fiction, genre studies, and gender.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**AMST 371. LGBTQ Film and Fiction from 1950 to the Present. 3 Credits.**

An interdisciplinary seminar that explores stylistic choices and representational modes available to LGBTQ artists in the United States since 1950. We will relate shifts in cinematic and literary representations and aesthetic strategies to developments in political, social, and economic life.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**AMST 374. America's Threatened Languages. 3 Credits.**

This course introduces the phenomena of language shift, endangerment, and revitalization in America. In both indigenous and immigrant communities, the mid-1800s initiated a widespread shift toward English. Through readings and discussions, we examine the social and historical motivations for this trend, and explore critical thinking skills for analyzing language shift.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, CI, US.

**Grading Status:** Letter grade.

**AMST 375. Critical Food Studies: The South. 3 Credits.**

Explores the historical arc and study of food in America and how culinary cultures reflect regional, national, and global narratives, challenges, and identities. As an intriguing lens on to the American experience, food reveals how race, class, gender, and place are entwined in cuisine, food economies, and interactions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** FOLK 375.

**AMST 390. Seminar in American Studies. 3 Credits.**

Seminar in American studies topics with a focus on historical inquiry from interdisciplinary angles.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.


**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **AMST 392. Radical Communities in Twentieth Century American Religious History. 3 Credits.**

How the language, ideas, and cultural products of religious outsiders responded to and influenced mainstream ideas about what American religious communities could and should look like in terms of gender, race, economics, and faith-based practices.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**AMST 396. Independent Study in American Studies. 3 Credits.**

Permission of the department. Directed reading under the supervision of a faculty member.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **AMST 398. Service Learning in America. 3 Credits.**

Explores history and theory of volunteerism and service learning in America. Includes a weekly academic seminar and placement in a service learning project.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** CI, EE- Service Learning.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses**

**AMST 410. Senior Seminar in Southern Studies. 3 Credits.**

We will engage such topics as race, immigration, cultural tourism, and memory to consider conceptions of the South. Students will research a subject they find compelling and write a 20- to 25-page paper.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, EE- Mentored Research, NA.

**Grading Status:** Letter grade.

**AMST 439. Meaning and Makers: Indigenous Artists and the Marketplace. 3 Credits.**

This course examines how indigenous artists have negotiated, shaped, and pursued markets and venues of display ranging from "fine" art markets, galleries, and museums to popular markets associated with tourism.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI, GL.

**Grading Status:** Letter grade.


**AMST 440. American Indian Poetry. 3 Credits.**

This course explores the relation of American Indian poetry and music in English to the history and culture of indigenous communities and their relation to the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **AMST 460. Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment. 3 Credits.**

This service-learning seminar examines water threats to port cities and low-lying areas from sea-level rise, extreme weather, and inadequate infrastructure. The focus is on the Americas, small and barrier islands, and high hazard regions including the South East and Gulf Coast communities. The APPLES project will focus on North Carolina resilience strategies. Recommended for juniors and seniors. Permission of the instructor for first year students. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE or FC-GLOBAL, HI-SERVICE.

**Making Connections Gen Ed:** SS, CI, EE- Service Learning.

**Grading Status:** Letter grade.

**AMST 475. Documenting Communities. 3 Credits.**

Covers the definition and documentation of communities within North Carolina through research, study, and field work of communities. Each student produces a documentary on a specific community. Previously offered as AMST 275. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI, EE- Field Work.

**Grading Status:** Letter grade.

 **AMST 483. Seeing the USA: The Film Director as Public Intellectual. 3 Credits.**

Examines the ways in which visual works - paintings, photographs, sculpture, architecture, film, advertising, and other images - communicate the values of American culture and raise questions about American experiences.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

 **AMST 485. Folk, Self-Taught, and Outsider Arts. 3 Credits.**


Drawing on American and international examples, this course addresses a body of art that occupies the borderlands of contemporary art, examining questions of authenticity, dysfunction, aesthetics, and identity.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH, RESEARCH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **AMST 486. The Jewish South: Race, Region, and Religion. 3 Credits.**

This course explores ethnicity in the South and focuses on the history and culture of Jewish Southerners from their arrival in the Carolinas in the 17th century to the present day.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, CI, US.

**Grading Status:** Letter grade.

**Same as:** JWST 486.

**AMST 487. Early American Architecture and Material Life. 3 Credits.**

This course explores, through lecture and discussion, the experiences of everyday life from 1600 through the early 19th century, drawing on the evidence of architecture, landscape, images, and objects.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**AMST 488. No Place like Home: Material Culture of the American South. 3 Credits.**

Seminar will explore the unique worlds of Southern material culture and how "artifacts" from barns to biscuits provide insight about the changing social and cultural history of the American South.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** FOLK 488.

**AMST 489. Writing Material Culture. 3 Credits.**

A reading seminar that examines multiple critical perspectives that shape the reception and interpretation of objects, with a particular emphasis on things in American life.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**AMST 493. Internship. 1-3 Credits.**

Permission of the department and the instructor. Internship. Variable credit.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**AMST 498. Advanced Seminar in American Studies. 3 Credits.**

Graduate or junior/senior standing. Examines American civilization by studying social and cultural history, criticism, art, architecture, music, film, popular pastimes, and amusements, among other possible topics.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**AMST 510. Federal Indian Law and Policy. 3 Credits.**

This course gives an introduction to the American government's law and policy concerning tribal nations and tribal peoples. We examine a number of legal and political interactions to determine how the United States has answered the "Indian problem" throughout its history and the status of tribal peoples and nations today.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**AMST 511. American Indians and American Law. 3 Credits.**

This course explores the history of Native interaction with the American legal system in order to understand how the law affects Native peoples and others today. Students are encouraged (but not required) to take AMST 510 before enrolling in this course.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**AMST 512. Race and American Law. 3 Credits.**

This class will explore the intersection between race and American law, both in a historical and contemporary context. It will ask how both of these major social forces have informed and defined each other and what that means for how we think about race and law today.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**AMST 641. Communicating Water Challenges of Climate Change with the Visual and Performing Arts. 3 Credits.**

Climate change means water challenges that threaten people, property, and the existence of nation states. Severe precipitation events from warmer air holding more water, sea-level rise, and more intense hurricanes, mean flooding, water quality, and foodshed issues for more than half the world's population. Drought, resulting wildfires, and the availability of life-sustaining water is a problem in others. The visual and performing arts are used to explore more effective ways to communicate this growing crisis.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**AMST 671. Introduction to Public History. 3 Credits.**

Introduces the theory, politics, and practice of historical work conducted in public venues (museums, historic sites, national parks, government agencies, archives), directed at public audiences, or addressed to public issues.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, EE- Mentored Research, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 671.

**AMST 685. Literature of the Americas. 3 Credits.**

Multidisciplinary examination of texts and other media of the Americas, in English and Spanish, from a variety of genres. Two years of college-level Spanish or the equivalent strongly recommended.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** ENGL 685, CMPL 685.

**AMST 691H. Honors in American Studies. 3 Credits.**

Directed independent research leading to the preparation of an honors thesis and an oral examination on the thesis. Required of candidates for graduation with honors in American studies who enroll in the class once permission to pursue honors is granted.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**AMST 692H. Honors in American Studies. 3 Credits.**

Directed independent research leading to the preparation of an honors thesis and an oral examination on the thesis. Required of candidates for graduation with honors in American studies who enroll in the class once permission to pursue honors is granted.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**CHER–Cherokee****Undergraduate-level Courses****CHER 101. Elementary Cherokee Language I. 3 Credits.**

Provides an introduction to speaking, listening, reading, and writing in the Cherokee language. This course is part of an ongoing effort to revitalize Cherokee—an endangered language indigenous to North Carolina. Students will acquire basic conversational Cherokee and learn to read and write the Sequoyah syllabary.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**CHER 102. Elementary Cherokee Language II. 3 Credits.**

This course expands on skills from CHER 101. We will begin reading longer texts in the Cherokee syllabary and learn to produce more complex narrative structures. Students will move toward discussing others around them, with an eye toward discussing the general world.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CHER 101; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**CHER 203. Intermediate Cherokee Language I. 3 Credits.**

This course reviews and deepens grammatical knowledge from CHER 101 and 102. We will increase extemporaneous speaking and produce new written texts in the Cherokee syllabary. Students will discuss the world around them in addition to the self and others.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CHER 102; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**CHER 204. Intermediate Cherokee Language II. 3 Credits.**

This course completes the study of basic Cherokee grammar. We will polish conversational fluency and proficiency, read and create new texts in the Cherokee syllabary. Students will discuss current events and offer opinions.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CHER 203; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**CHER 305. Phonetics and General Linguistics. 3 Credits.**

Introduction to linguistics; the Cherokee sound system from a phonetic and allophonic view; grammatical categories, morphology, syntax.

**Rules & Requirements**

**Requisites:** Prerequisite, CHER 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**FOLK–Folklore****Undergraduate-level Courses****FOLK 77. First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme. 3 Credits.**

What are the roots of hip-hop's masterful rhymes and tongue-tripping flow? This seminar explores hip-hop's poetic prehistory, looking to the rhyming and oral poetics that have long defined African American experience. In so doing, we'll uncover hidden histories of everyday eloquence and explore spoken/sung poetry's role in marking cultural identity. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**FOLK 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**FOLK 130. Anthropology of the Caribbean. 3 Credits.**

Theories and examples of how Caribbean people live, act, and see themselves within various cultural, social, economic, and political contexts across time. Attention to North American views of the Caribbean.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 130.

**FOLK 202. Everyday Cultures: Folklore in America. 3 Credits.**

An introduction to the study of creativity and aesthetic expression in everyday life, considering both traditional genres and contemporary innovations in the material, verbal, and musical arts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** ENGL 202, ANTH 202.

**FOLK 254. American Historical Geographies. 3 Credits.**

A study of selected past geographies of the United States with emphasis on the significant geographic changes in population, cultural, and economic conditions through time. Previously offered as FOLK/GEOG 454. (GHA)

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GEOG 254.

**FOLK 310. Fairy Tales. 3 Credits.**

A study of fairy tales as historical artifacts that reveal the concerns of their times and places, as narrative structures capable of remarkable transformation, and as artistic performances drawing upon the expressive resources of multiple media, intended to challenge conventional presuppositions about the genre.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** ENGL 310.

**FOLK 334. Art, Nature, and Religion: Cross-Cultural Perspectives. 3 Credits.**

This cross-cultural study of art focuses on the forms, images, and meanings of paintings, drawings, and carvings produced by the Diyin Dine'é (Navajo), the Dogon (Mali, West Africa), and the Haida, Kwagiutl, Tlingit, and Tshimshian (northwest coast of North America).

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** ANTH 334.

**FOLK 340. Southern Styles, Southern Cultures. 4 Credits.**

A journey into hidden worlds of southern meaning, exploring the region from the experiential lens of African Americans and the South's indigenous peoples, as a way of rethinking the question, "What does it mean to be a Southerner?" Students will explore focused issues each semester through intensive, group-based field work projects.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** ANTH 340.

**FOLK 342. African-American Religious Experience. 3 Credits.**

Permission of the instructor. An introduction to the diversity of African American beliefs, experiences, and expressions from the colonial era to the present. Exploration will be both historical and thematic.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** RELI 342, ANTH 342.

**FOLK 370. Southern Legacies: The Descendants Project. 4 Credits.**

In this Course-based Undergraduate Research Experience (CURE) class, students will explore the legacy of racial terrorism in North Carolina. Students will search archival sources to discover the family histories of lynching victims, tracing those families to the present, interviewing their descendants, and working with communities to build public awareness of - and perhaps public memorials to - the victims of racial violence.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER, RESEARCH.

**Making Connections Gen Ed:** SS, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** ANTH 370.

**FOLK 375. Critical Food Studies: The South. 3 Credits.**

Explores the historical arc and study of food in America and how culinary cultures reflect regional, national, and global narratives, challenges, and identities. As an intriguing lens on to the American experience, food reveals how race, class, gender, and place are entwined in cuisine, food economies, and interactions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** AMST 375.

**FOLK 380. Traditions in Transition: Jewish Folklore and Ethnography. 3 Credits.**

This seminar examines Jewish stories, humor, ritual, custom, belief, architecture, dress, and food as forms of creative expression that have complex relationships to Jewish experience, representation, identity, memory, and tradition. What makes these forms of folklore Jewish, how do source communities interpret them, and how do ethnographers document them? Previously offered as FOLK/JWST 505.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** VP, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** JWST 380.

### Advanced Undergraduate and Graduate-level Courses

#### FOLK 424. Ritual, Festival, and Public Culture. 3 Credits.

This course explores rituals, festivals, and public cultural performances as forms of complex, collective, embodied creative expression. As sites of popular celebration, conflict resolution, identity definition, and social exchange, they provide rich texts for folkloristic study. We consider how local and global forces both sustain and challenge these forms.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** SS, EE- Field Work.

**Grading Status:** Letter grade.

**Same as:** ANTH 424.

#### FOLK 428. Religion and Anthropology. 3 Credits.

Religion studied anthropologically as a cultural, social, and psychological phenomenon in the works of classical and contemporary social thought. Honors version available.

##### Rules & Requirements

**Making Connections Gen Ed:** SS.


**Grading Status:** Letter grade.

**Same as:** ANTH 428, RELI 428.

#### FOLK 429. Culture and Power in Southeast Asia. 3 Credits.

The formation and transformation of values, identities, and expressive forms in Southeast Asia in response to forms of power. Emphasis on the impact of colonialism, the nation-state, and globalization.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 429, ASIA 429.

#### FOLK 455. Ethnohistory. 3 Credits.

Integration of data from ethnographic and archaeological research with pertinent historic information. Familiarization with a wide range of sources for ethnohistoric data and practice in obtaining and evaluating information. Pertinent theoretical concepts will be explored.

##### Rules & Requirements

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**Same as:** ANTH 455.

#### FOLK 470. Medicine and Anthropology. 3 Credits.

This course examines cultural understandings of health, illness, and medical systems from an anthropological perspective with a special focus on Western medicine.

##### Rules & Requirements

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ANTH 470.

#### FOLK 473. Anthropology of the Body and the Subject. 3 Credits.

Anthropological and historical studies of cultural constructions of bodily experience and subjectivity are reviewed, with emphasis on the genesis of the modern individual and cultural approaches to gender and sexuality.

##### Rules & Requirements

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ANTH 473.

#### FOLK 476. Graffiti, Gods, and Gardens: Urban Folklore. 3 Credits.

What is the relationship between distinctive features of urban environments and the expressive forms found in those settings? This course explores the impact of the urban setting on folk traditions. We examine how people transform urban spaces into places of meaning through storytelling, festival, ritual, food, art, music, and dance.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** VP, EE- Field Work, US.

**Grading Status:** Letter grade.

#### FOLK 480. Vernacular Traditions in African American Music. 4 Credits.

Explores performance traditions in African American music, tracing development from African song through reels, blues, gospel, and contemporary vernacular expression. Focuses on continuity, creativity, and change within African American aesthetics. Previously offered as FOLK 610/AAAD 432.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** HS, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** AAAD 480.

#### FOLK 481. Jewish Belonging/s: The Material Culture of Jewish Experience. 3 Credits.

What makes an object "Jewish"? This seminar examines how we think about, animate, repurpose, and display "Jewish" objects in the public realm, cultural institutions, religious spaces, and the home. We consider how makers and users negotiate objects' various meanings within the domains of prayer, performance, entertainment, and exhibition. The class curates a final group exhibition of Jewish material culture based on original fieldwork.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-CREATE, RESEARCH.

**Making Connections Gen Ed:** VP, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** JWST 481.

#### FOLK 484. Discourse and Dialogue in Ethnographic Research. 3 Credits.

Study of cultural variation in styles of speaking applied to collection of ethnographic data. Talk as responsive social action and its role in the constitution of ethnic and gender identities.


##### Rules & Requirements

**Making Connections Gen Ed:** SS, CI, US.

**Grading Status:** Letter grade.


**Same as:** ANTH 484, LING 484.



 **FOLK 487. Everyday Stories: Personal Narrative and Legend. 3 Credits.**

Oral storytelling may seem old-fashioned, but we tell true (or possibly true) stories every day. We will study personal narratives (about our own experiences) and legends (about improbable, intriguing events), exploring the techniques and structures that make them effective communication tools and the influence of different contexts and audiences.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**Same as:** ENGL 487.

**FOLK 488. No Place like Home: Material Culture of the American South. 3 Credits.**

Seminar will explore the unique worlds of Southern material culture and how "artifacts" from barns to biscuits provide insight about the changing social and cultural history of the American South.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** AMST 488.

**FOLK 490. Topics in Folklore. 3 Credits.**

Topics vary from semester to semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**FOLK 495. Field Research. 3 Credits.**

Research at sites that vary.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**FOLK 496. Directed Readings in Folklore. 3 Credits.**

Permission of the department. Topic varies depending on the instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **FOLK 502. Myths and Epics of the Ancient Near East. 3 Credits.**

An examination of Babylonian, Canaanite, Egyptian, Hittite, and Sumerian texts from the prebiblical era, focusing on representative myths, epics, sagas, songs, proverbs, prophecies, and hymns. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 502.

**FOLK 537. Gender and Performance: Constituting Identity. 3 Credits.**

Examines the culturally and historically variable ways in which individuals constitute themselves as cis- or transgendered subjects, drawing upon extant expressive resources, modifying them, and expanding options available to others. Performance of self as the product of esthetically marked or unmarked, everyday actions.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 537, WGST 438.

**FOLK 550. Introduction to Material Culture. 3 Credits.**

An introduction to material folk culture, exploring the meanings that people bring to traditional arts and the artful creations with which they surround themselves (e.g., architecture, clothing, altars, tools, food).

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.


**FOLK 560. Southern Literature and the Oral Tradition. 3 Credits.**

Course considers how Southern writers employ folklore genres such as folk tales, sermons, and music and how such genres provide structure for literary forms like the novel and the short story.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

 **FOLK 562. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** COMM 562, HIST 562, WGST 562.

**FOLK 571. Southern Music. 3 Credits.**

Explores the history of music in the American South from its roots to 20th-century musical forms, revealing how music serves as a window on the region's history and culture.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 571.

**FOLK 587. Folklore in the South. 3 Credits.**

An issue-oriented study of Southern folklore, exploring the ways that vernacular artistic expression (from barns and barbecue to gospel and well-told tales) come to define both community and region.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**FOLK 670. Introduction to Oral History. 3 Credits.**

Introduces students to the uses of interviews in historical research. Questions of ethics, interpretation, and the construction of memory will be explored, and interviewing skills will be developed through field work.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, CI.

**Grading Status:** Letter grade.

**Same as:** HIST 670.

**FOLK 675. Ethnographic Method. 3 Credits.**

Intensive study and practice of the core research methods of cultural and social anthropology.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**Same as:** ANTH 675.

**FOLK 688. Observation and Interpretation of Religious Action. 3 Credits.**

Permission of the instructor. Exercises (including field work) in learning to read the primary modes of public action in religious traditions, e.g., sermons, testimonies, rituals, and prayers.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Mentored Research.

**Grading Status:** Letter grade.

**Same as:** ANTH 688, RELI 688.

**FOLK 690. Studies In Folklore. 3 Credits.**

Topic varies from semester to semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **FOLK 691H. Honors Project in Folklore. 3 Credits.**

Permission of the instructor. For honors candidates. Ethnographic and/or library research and analysis of the gathered materials, leading to a draft of an honors thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **FOLK 692H. Honors Thesis in Folklore. 3 Credits.**

Writing of an honors thesis based on independent research conducted in FOLK 691H. Open only to senior honors candidates who work under the direction of a faculty member.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, FOLK 691H.

**Grading Status:** Letter grade.

## Contact Information

**Department of American Studies**

Visit Program Website (<http://americanstudies.unc.edu>)  
204 Greenlaw Hall, CB# 3520  
(919) 962-5481

**Chair**

Patricia Sawin  
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**Director of Undergraduate Studies**

Tim Marr  
[amstdus@unc.edu](mailto:amstdus@unc.edu)

## American Studies Major, B.A.

The B.A. major in American studies provides students with a broad foundation in ways of studying and researching American culture and the opportunity to explore specific eras, genres, regions, and groups in depth.

## Student Learning Outcomes

Upon completion of the American studies program, students should be able to:

- Apply critical skills of analysis to a variety of primary historical sources and/or cultural expressions
- Exercise advanced writing skills that demonstrate clear articulation of ideas and effective expression of understanding
- Assess the value of interdisciplinary learning by engaging with a variety of disciplinary perspectives on the study of America within their major elective courses
- Interpret national traditions and ideals from different local, regional, transnational, and/or global situations and from diverse ideological and/or ethnic perspectives
- Report satisfaction with the American studies major and its value for their postgraduate academic and professional careers





## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The major in American studies consists of nine courses, with at least four courses numbered 200 or higher.

Code	Title	Hours
<b>Core Requirements</b>		
AMST 101	 This Place Called "America"	3
One of the following options:		
AMST 102	 Myth and History in American Memory	3
AMST/HIST 110	 Introduction to the Cultures and Histories of Native North America	
AMST 210	 This Place Called "The South"	
AMST 255	Difference and Power in American Culture(s)	
AMST 277	America's Role in the Global Environment <sup>H</sup>	

FOLK 202  Everyday Cultures: Folklore in America

Seven additional elective courses selected from the following lists: 21

AMST courses numbered 102 or higher <sup>1</sup>

FOLK courses numbered 200 or higher <sup>2</sup>

CHER courses numbered 101 or higher

Up to three (3) Americanist courses offered outside the department, numbered 200 or higher <sup>3</sup>

#### Additional Requirements

Of the nine (9) total courses in the major, at least four (4) must be numbered 200 or higher

**Total Hours** 27

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Not including AMST 396, AMST 493, AMST 691H, AMST 692H.

<sup>2</sup> Not including FOLK 496, FOLK 691H, FOLK 692H.

<sup>3</sup> As approved by the Director of Undergraduate Studies.

American studies (AMST), Folklore (FOLK), and Cherokee (CHER) course descriptions (p. 53).

FOLK 490, and FOLK 690 may fall under various categories, depending on the focus of these courses in a given semester; the course instructor and director of undergraduate studies will decide which category they fulfill.

## Special Opportunities in American Studies

### Honors in American Studies

The American studies major offers a two-course honors program: AMST 691H in the fall semester and AMST 692H in the spring semester. Students must propose their thesis and contract with a faculty advisor during the semester prior to the beginning of their senior year. For each semester of honors work, thesis students must submit a signed learning contract to the Department of American Studies during the registration period. During the two semesters devoted to honors work, students conduct individual research and prepare an honors thesis under the supervision of a faculty member. Students also will attend a weekly seminar at the discretion of the advisor. Students must maintain a 3.3 cumulative grade point average to be eligible. With the approval of the associate or the assistant dean for honors, students with a slightly lower average who have a reasonable expectation of meeting the requirement within one more semester may embark upon the honors thesis, understanding that if they do not attain the 3.3 standard they may continue the research project as independent study but are not eligible to graduate with honors or highest honors.

### Experiential Education

The Department of American Studies offers a seminar on Service Learning in America (AMST 398) and offers credits for approved internship projects (AMST 493). Students have learned about American studies by serving the community in museums, schools, social agencies, and other cultural institutions. Many courses in the folklore program also offer experiential education credit through ethnographic training and fieldwork opportunities.

### Study Abroad

The Department of American Studies encourages students to consider a semester or more of study abroad and has developed close relations

with several American studies programs in different countries. Studying American experience in international contexts is an integral part of understanding the place and influence of the United States in the world. Student learning is enhanced by the perspectives gained by examining how American subjects are taught in universities around the globe as well as by encountering the international students who enroll in American studies courses in Chapel Hill. Students can receive American studies major credit for selected study abroad programs and are encouraged to make study abroad part of their academic plans. Students interested in this experience should consult with the director of undergraduate studies or with the Study Abroad Office about international exchange programs sponsored by UNC–Chapel Hill. Furthermore, American studies majors and minors may apply for the Julia Preston Brumley Travel Scholarship, which is only available to American studies students, to help fund their study abroad.

### Undergraduate Awards

The department awards Julia Preston Brumley Travel Scholarships to help fund international travel and study abroad. The Peter C. Baxter Memorial Prize is awarded annually to the outstanding senior majoring in American studies. The Jenny Tone-Pah-Hote Prize is awarded annually for the outstanding senior honors thesis.

### Undergraduate Research

The department offers credit for AMST 396 and FOLK 495. Majors can develop a two-semester honors thesis project (AMST 691H and AMST 692H) in consultation with an advisor. Students have received summer undergraduate research fellowships, earned research support and travel awards, and presented their work at the Annual Celebration of Undergraduate Research each spring.

## Department Programs

#### Majors

- American Studies Major, B.A. (p. 66)
- American Studies Major, B.A.—American Indian and Indigenous Studies Concentration (p. 68)

#### Minors

- American Studies Minor (p. 70)
- American Indian and Indigenous Studies Minor (p. 70)

#### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- Graduate Minor in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)
- Graduate Minor in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/#programstext>)

## Contact Information

#### Department of American Studies

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204 Greenlaw Hall, CB# 3520  
(919) 962-5481

#### Chair

Patricia Sawin  
sawin@unc.edu

**Director of Undergraduate Studies**

Tim Marr  
amstdus@unc.edu

## American Studies Major, B.A.— American Indian and Indigenous Studies Concentration

The American Indian and indigenous studies concentration provides a meaningful grounding in the histories, cultures, and contemporary experiences of peoples indigenous to North America, as well as their encounters with settler states. The curriculum increasingly provides opportunities for students to gain a hemispheric perspective that includes the histories, cultures, and contemporary experiences of the indigenous peoples of the Americas. Students may petition the director of undergraduate studies to have courses not listed approved to fulfill major or minor requirements; such courses will be evaluated on a case-by-case basis.

### Student Learning Outcomes

Upon completion of the American studies program, students should be able to:

- Apply critical skills of analysis to a variety of primary historical sources and/or cultural expressions
- Exercise advanced writing skills that demonstrate clear articulation of ideas and effective expression of understanding
- Assess the value of interdisciplinary learning by engaging with a variety of disciplinary perspectives on the study of America within their major elective courses
- Interpret national traditions and ideals from different local, regional, transnational, and/or global situations and from diverse ideological and/or ethnic perspectives
- Report satisfaction with the American studies major and its value for their postgraduate academic and professional careers

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The concentration in American Indian and indigenous studies consists of nine courses.




Code	Title	Hours
<b>Core Requirements</b>		
AMST/HIST 110	Introduction to the Cultures and Histories of Native North America	3

Select eight additional courses from the list below, with at least four numbered 200 or higher.

**Total Hours** 27

### Electives

Code	Title	Hours
AMST FYS	First-Year Seminar <sup>1</sup>	3
AMST/ANTH 203	Approaches to American Indian Studies	3
AMST/HIST 231	Native American History: The East	3
AMST/HIST 233	Native American History: The West	3
AMST/ANTH/HIST 234	Native American Tribal Studies <sup>H</sup>	3
AMST/HIST 235	Native America in the 20th Century	3
AMST 246	Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America	3
AMST 336	Native Americans in Film	3
AMST 337	American Indian Activism since 1887: Beyond Red Power	3
AMST 338	American Indian Novel	3
AMST 339	The Long 1960s in Native America	3
AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3
AMST 341	Digital Native America	3
AMST 345	Issues in the Indigenous World	3
AMST 439	Meaning and Makers: Indigenous Artists and the Marketplace	3
AMST 510	Federal Indian Law and Policy	3
AMST 511	American Indians and American Law	3
ANTH 121	Ancient Cities of the Americas	3
ANTH 206	American Indian Societies	3
ANTH 231	The Inca and Their Ancestors: The Archaeology of Andean South America	3
ANTH 232	Ancestral Maya Civilizations <sup>H</sup>	3
ANTH 250	Archaeology of North America <sup>H</sup>	3
ANTH 252	Archaeology of Food	3
ANTH 406	Native Writers	3
ANTH 451	Field School in North American Archaeology <sup>H</sup>	6
ANTH 550	Archaeology of the American South	3
ARTH 160	Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3
CHER 101	Elementary Cherokee Language I	3
CHER 102	Elementary Cherokee Language II	3
CHER 203	Intermediate Cherokee Language I	3
CHER 204	Intermediate Cherokee Language II	3
HIST 142	Latin America under Colonial Rule	3
HIST 145	Latin American Indigenous Peoples	3
HIST 240	Introduction to Mexico: A Nation in Four Revolutions	3

HIST 315	 Nation-Building in Latin America <sup>H</sup>	3
HIST 526	History of the Andes	3
HIST/WGST 576	The Ethnohistory of Native American Women	3
LING 558	 Ancient Mayan Hieroglyphs	3
LING 560	Mesoamerican Languages and Linguistics	3
LING 561	Native Languages of the Americas	3
MAYA 401	Introduction to Yucatec Maya	3
RELI 448	 Native and Christian: Indigenous Engagements with Christianity	3
SPAN 344	Latin@ American Cultural Topics	3
SPAN 374	Mesoamerica through Its Native Literatures	3
SPAN 625	Indigenous Literatures and Cultures of the Américas	3
SPAN 683	Guaraní Linguistics	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> With permission of the Director of Undergraduate Studies, one AMST First-Year Seminar course with relevant American Indian and Indigenous Studies (AIIS) content can count as an elective for the major.

## Special Opportunities in American Studies

### Honors in American Studies

The American studies major offers a two-course honors program: AMST 691H in the fall semester and AMST 692H in the spring semester. Students must propose their thesis and contract with a faculty advisor during the semester prior to the beginning of their senior year. For each semester of honors work, thesis students must submit a signed learning contract to the Department of American Studies during the registration period. During the two semesters devoted to honors work, students conduct individual research and prepare an honors thesis under the supervision of a faculty member. Students also will attend a weekly seminar at the discretion of the advisor. Students must maintain a 3.3 cumulative grade point average to be eligible. With the approval of the associate or the assistant dean for honors, students with a slightly lower average who have a reasonable expectation of meeting the requirement within one more semester may embark upon the honors thesis, understanding that if they do not attain the 3.3 standard they may continue the research project as independent study but are not eligible to graduate with honors or highest honors.

### Experiential Education

The Department of American Studies offers a seminar on Service Learning in America (AMST 398) and offers credits for approved internship projects (AMST 493). Students have learned about American studies by serving the community in museums, schools, social agencies, and other cultural institutions. Many courses in the folklore program also offer experiential education credit through ethnographic training and fieldwork opportunities.

### Study Abroad

The Department of American Studies encourages students to consider a semester or more of study abroad and has developed close relations with several American studies programs in different countries. Studying

American experience in international contexts is an integral part of understanding the place and influence of the United States in the world. Student learning is enhanced by the perspectives gained by examining how American subjects are taught in universities around the globe as well as by encountering the international students who enroll in American studies courses in Chapel Hill. Students can receive American studies major credit for selected study abroad programs and are encouraged to make study abroad part of their academic plans. Students interested in this experience should consult with the director of undergraduate studies or with the Study Abroad Office about international exchange programs sponsored by UNC–Chapel Hill. Furthermore, American studies majors and minors may apply for the Julia Preston Brumley Travel Scholarship, which is only available to American studies students, to help fund their study abroad.

### Undergraduate Awards

The department awards Julia Preston Brumley Travel Scholarships to help fund international travel and study abroad. The Peter C. Baxter Memorial Prize is awarded annually to the outstanding senior majoring in American studies. The Jenny Tone-Pah-Hote Prize is awarded annually for the outstanding senior honors thesis.

### Undergraduate Research

The department offers credit for AMST 396 and FOLK 495. Majors can develop a two-semester honors thesis project (AMST 691H and AMST 692H) in consultation with an advisor. Students have received summer undergraduate research fellowships, earned research support and travel awards, and presented their work at the Annual Celebration of Undergraduate Research each spring.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 66)
- American Studies Major, B.A.–American Indian and Indigenous Studies Concentration (p. 68)

### Minors

- American Studies Minor (p. 70)
- American Indian and Indigenous Studies Minor (p. 70)

### Graduate Programs

- Ph.D. in American Studies (<http://catalog.unc.edu/graduate/schools-departments/american-studies/>)
- M.A. in Folklore (<http://catalog.unc.edu/graduate/schools-departments/american-studies/>)
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## Contact Information

### Department of American Studies

Visit Program Website (<http://americanstudies.unc.edu>)  
204 Greenlaw Hall, CB# 3520  
(919) 962-5481

### Chair

Patricia Sawin

sawin@unc.edu

**Director of Undergraduate Studies**Tim Marr  
amstdus@unc.edu

## American Studies Minor

"What is America?" and "What does it mean to be American?" The American studies area encourages students to ask these questions for themselves and to develop well-researched answers rather than to accept conventional definitions. The undergraduate program in American studies offers its majors and minors the opportunity to explore American traditions, institutions, literature, and arts and exposes students to a diversity of American experiences and perspectives. Students may petition the director of undergraduate studies to have courses not listed approved to fulfill major or minor requirements; such courses will be evaluated on a case-by-case basis.






## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The undergraduate minor in American studies consists of five courses in American studies.

Code	Title	Hours
<b>Core Requirements</b>		
AMST 101	 This Place Called "America"	3
One of the following options:		3
AMST 102	 Myth and History in American Memory	
AMST 110	 Introduction to the Cultures and Histories of Native North America	
AMST 210	 This Place Called "The South"	
AMST 255	Difference and Power in American Culture(s)	
AMST 277	America's Role in the Global Environment <sup>H</sup>	
FOLK 202	 Everyday Cultures: Folklore in America	
Three additional elective courses chosen from the following lists:		9
AMST courses numbered 102 or higher <sup>1</sup>		
FOLK courses numbered 200 or higher <sup>2</sup>		
CHER courses numbered 101 or higher		
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Not including AMST 396, AMST 691H, AMST 692H.

<sup>2</sup> Not including FOLK 496, FOLK 691H, FOLK 692H.

American Studies (AMST), Folklore (FOLK), and Cherokee (CHER) course descriptions (p. 53).

See program page here (p. 67) for special opportunities.

## Department Programs

### Majors

- American Studies Major, B.A. (p. 66)
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- American Indian and Indigenous Studies Minor (p. 70)

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### Chair

Patricia Sawin  
sawin@unc.edu

### Director of Undergraduate Studies

Tim Marr  
amstdus@unc.edu

## American Indian and Indigenous Studies Minor


The American Indian and Indigenous Studies minor provides a meaningful grounding in the histories, cultures, and contemporary experiences of peoples indigenous to North America, as well as their encounters with settler states. The curriculum increasingly provides opportunities for students to gain a hemispheric perspective that includes the histories, cultures, and contemporary experiences of the indigenous peoples of the Americas.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor in American Indian and indigenous studies consists of five courses.

Code	Title	Hours
<b>Core Requirements</b>		
AMST/HIST 110	 Introduction to the Cultures and Histories of Native North America	3
Select four additional courses from the list below		12
<b>Total Hours</b>		<b>15</b>

### Electives

Code	Title	Hours
AMST FYS	First-Year Seminar <sup>1</sup>	
AMST/ANTH 203	 Approaches to American Indian Studies	3
AMST/HIST 231	 Native American History: The East	3
AMST/HIST 233	Native American History: The West	3
AMST/ANTH/HIST 234	 Native American Tribal Studies <sup>H</sup>	3
AMST/HIST 235	 Native America in the 20th Century	3
AMST 246	Indigenous Storytelling: Oral, Written, and Visual Literatures of Native America	3
AMST 336	Native Americans in Film	3
AMST 337	 American Indian Activism since 1887: Beyond Red Power	3
AMST 338	 American Indian Novel	3
AMST 339	 The Long 1960s in Native America	3
AMST 340	American Indian Art and Material Culture through Interdisciplinary Perspectives	3
AMST 341	 Digital Native America	3
AMST 345	Issues in the Indigenous World	3
AMST 439	Meaning and Makers: Indigenous Artists and the Marketplace	3
AMST 510	 Federal Indian Law and Policy	3
AMST 511	 American Indians and American Law	3
ANTH 121	 Ancient Cities of the Americas	3
ANTH 206	American Indian Societies	3
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America	3
ANTH 232	 Ancestral Maya Civilizations <sup>H</sup>	3
ANTH 250	 Archaeology of North America <sup>H</sup>	3
ANTH 252	 Archaeology of Food	3
ANTH 406	 Native Writers	3
ANTH 451	 Field School in North American Archaeology <sup>H</sup>	6
ANTH 550	 Archaeology of the American South	3
ARTH 160	 Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3
CHER 101	Elementary Cherokee Language I	3

CHER 102	Elementary Cherokee Language II	3
CHER 203	 Intermediate Cherokee Language I	3
CHER 204	Intermediate Cherokee Language II	3
HIST 142	 Latin America under Colonial Rule	3
HIST 145	 Latin American Indigenous Peoples	3
HIST 240	 Introduction to Mexico: A Nation in Four Revolutions	3
HIST 315	 Nation-Building in Latin America <sup>H</sup>	3
HIST 526	History of the Andes	3
HIST/WGST 576	The Ethnohistory of Native American Women	3
LING 558	 Ancient Mayan Hieroglyphs	3
LING 560	Mesoamerican Languages and Linguistics	3
LING 561	Native Languages of the Americas	3
MAYA 401	Introduction to Yucatec Maya	3
RELI 448	 Native and Christian: Indigenous Engagements with Christianity	3
SPAN 344	Latin@ American Cultural Topics	3
SPAN 374	Mesoamerica through Its Native Literatures	3
SPAN 625	Indigenous Literatures and Cultures of the Américas	3
SPAN 683	Guaraní Linguistics	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> With permission of the Director of Undergraduate Studies, one AMST First-Year Seminar course with relevant American Indian and Indigenous Studies (AIS) content can count as an elective for the minor.

## Department Programs

### Majors

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- American Studies Major, B.A. – American Indian and Indigenous Studies Concentration (p. 68)

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Tim Marr  
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## Department of Anthropology Introduction

Anthropology is the integrative study of human beings at all times and in all places. Anthropological expertise has special application for hidden histories and the ancient past; the intersection of human biology and ecology; and the way communities create and use meaning, values, and history in everyday life. We support studies, research, and professional applications in these areas with three programs of foundational training: archaeology; human biology, ecology, and evolution; and sociocultural anthropology.

Cutting across these specializations, the department supports concentrations that integrate anthropology's diverse expertise to address contemporary world problems. Programming in these areas helps students connect their anthropological studies to work and life beyond the University. Current concentrations focus on health, medicine, and humanity; heritage and unwritten histories; global engagement; race, place and power; and food, environment, and sustainability.

Together, the Department of Anthropology's programs and concentrations offer the undergraduate student one of the best introductions possible to our biological and cultural pasts and to our contemporary world. Anthropology majors thus develop the written and oral skills needed to live and work in a complex world marked by an accelerated rate of environmental, social, and cultural change. Anthropology majors acquire general knowledge and skills valued within a large number of occupations and professions, including but not limited to professional anthropology.

### Advising

All majors and minors have a primary academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies (see "Contact Information" above) works with current and prospective majors and minors by appointment. Students are encouraged to consult with the director of undergraduate studies about course choices and field work opportunities. Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, and the honors program may be obtained from the department's website (<https://anthropology.unc.edu/>).

### Graduate School and Career Opportunities

There are three basic career paths for B.A.-level anthropology majors:

- Anthropology majors have open to them all of the career options of any student with a bachelor of arts degree in the liberal arts and social sciences, with the added advantage that they surely are more

prepared than most in the growing international arena of business, government, and nongovernmental organizations (NGOs). The resources and professional staff of University Career Services and the department's director of undergraduate studies can provide guidance.

- Anthropology majors can seek a career that puts their anthropology degree directly into practice.
- Lastly, anthropology majors can continue with graduate education in order to seek a career in education, either as a social studies teacher in a school or a professor in a university. See *Careers in Academic Anthropology—Graduate School Route* (<http://anthropology.unc.edu/undergraduate-program/career-tracks/>).

#### Major

- Anthropology Major, B.A. (p. 93)
- Medical Anthropology Major, B.A. (p. 95)

#### Minors

- General Anthropology Minor (p. 97)
- Heritage and Global Engagement Minor (p. 97)
- Medical Anthropology Minor (p. 99)

#### Graduate Programs

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology/>)

### Professors

Benjamin Arbuckle, Florence Babb, Rudi Colloredo-Mansfeld, Paul W. Leslie, Patricia A. McAnany, C. Margaret Scarry, Karla Slocum, Vincas P. Steponaitis, Amanda Thompson.

### Associate Professors

Anna Agbe-Davies, Brian Billman, Jocelyn Chua, Glenn D. Hinson, Valerie Lambert, Christopher T. Middleton, Christopher T. Nelson, Michele Rivkin-Fish, Mark Sorensen, Angela Stuesse, Colin T. West, Margaret J. Wiener.

### Assistant Professor

Morgan Hoke, Caela O'Connell, Aaylia Sadruddin.

### Adjunct Professors

Mara Buchbinder, Kia Caldwell, Sue E. Estroff, Lawrence Grossberg, Michael C. Lambert.

### Adjunct Associate Professors

Emily Burrill, Heather Lapham, Barry F. Saunders, Patricia Sawin.

### Adjunct Assistant Professors

Adolfo Ivan Batun-Alpuche, Dylan Clark, Mary Beth Fitts.

### Professors Emeriti

Carole L. Crumley, Robert E. Daniels, Arturo Escobar, Terence M.S. Evens, Dorothy C. Holland, Dale L. Hutchinson, Norris B. Johnson, Donald M. Nonini, James L. Peacock, Peter Redfield, Silvia Tomášková.

### ANTH—Anthropology

The basic division in undergraduate anthropology courses is between lower-division courses numbered below 300 and upper-division courses



numbered between 300 and 699. Sophomores should not hesitate to take courses numbered 300 to 699 because of fears of their difficulty but may wish to consult the instructor before enrolling.

## Undergraduate-level Courses

### ANTH 50. First-Year Seminar: Skeletons in the Closet. 3 Credits.

In this first-year seminar, students explore the use of the human skeleton to modern behavioral and biological investigations, focusing on observations that are used as evidence to prove or disprove hypotheses.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### ANTH 51. First-Year Seminar: Environmentalism and American Society. 3 Credits.

This first-year seminar examines United States environmentalism and its relationship to power and privilege, consumer desire, and attachment to place. Students conduct original group research on the environmental movement.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### ANTH 52. First-Year Seminar: Asian Cultures, Asian Cities, Asian Modernities. 3 Credits.

Introduction to the processes of cultural productions and the making of social diversity in large Southeast Asian cities, as they have experienced modernity and globalization during the last 30 years.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### ANTH 53. First-Year Seminar: Darwin's Dangerous Idea. 3 Credits.

Exploration of how natural selection works, how it has been used and misused for understanding human nature, health and disease, aging, social behavior, how we choose mates, and more. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### ANTH 54. First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800. 3 Credits.

This course uses archaeological and historical scholarship to consider the histories of the Southern Indians from the Mississippian period to the end of the 18th century.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** HS, US, WB.

**Grading Status:** Letter grade.

**Same as:** AMST 54.

### ANTH 56. First-Year Seminar: The Art of Healing, the Culture of Curing. 3 Credits.

This seminar focuses on cross-cultural healing beliefs and practices and on how social, economic, political, and ethical aspects of our lives relate to health and healing.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### ANTH 57. First-Year Seminar: Today in Africa. 3 Credits.

Examination of the daily news as reported online by African newspapers, the BBC, etc. Readings and class discussions of ethnographic and historical background. Student projects based on following major stories.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### ANTH 59. First-Year Seminar: The Right to Childhood: Global Efforts and Challenges. 3 Credits.

Do children have special needs and rights? This seminar will answer this question.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, CI, GL.

**Grading Status:** Letter grade.

### ANTH 60. First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies. 3 Credits.

Adopting a long view of human societies, students examine responses to crises engendered by political, economic, and environmental factors. Perspectives on societal change - apocalyptic, transformational, and resilient - undergo scrutiny. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** HS, BN, CI.

**Grading Status:** Letter grade.

### ANTH 61. First-Year Seminar: Deep Economies. 3 Credits.

Using cultural case studies, the course examines how communities organize an economy to promote local well-being. Readings emphasize cross-cultural problems of status, trust, property, exchange and political authority.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

### ANTH 62. First-Year Seminar: Indian Country Today. 3 Credits.

This course examines current topics in American Indian country today through the use of films and interactive case studies.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-KNOWING.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

 **ANTH 63. First-Year Seminar: The Lives of Others: Exploring Ethnography. 3 Credits.**


Can we truly access, understand, and represent the lives of others? In this class, students take on these questions by taking up the practice of ethnography, a research method consisting of entering into a community, interacting with its members, observing social life, asking questions, and writing about these experiences.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **ANTH 64. First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis. 3 Credits.**


In the early 20th century millions of African Americans migrated to large northern cities. The Phyllis Wheatley Home for Girls was run by black women to provide social services for female migrants to Chicago starting in 1926. The course combines elements of archaeology, anthropology, and history to study their lives.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **ANTH 65. First-Year Seminar: Humans and Animals: Anthropological Perspectives. 3 Credits.**


In this course we explore the complex relationships between people and animals cross-culturally and through time. Taking both anthropological and archaeological perspectives we address a wide range of topics, including the origins and uses of domestic animals, the history of dogs and cats, animal symbolism, hunting, and animal rights.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

 **ANTH 66H. First-Year Seminar: Saving the World? Humanitarianism in Action. 3 Credits.**


In this seminar we will explore international aid, with an emphasis on its medical end and the set of organizations and institutions that exist to offer assistance to people suffering from disaster, endemic poverty, and health disparities.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

 **ANTH 67. First-Year Seminar: Blackness and Racialization: A Multidimensional Approach. 3 Credits.**

This seminar is an introduction to the history, social construction, cultural production, and lived experience of race in the United States and Jamaica (for comparison). The seminar will utilize historical, theoretical, ethnographic, and popular culture content to explain the effects, uses, durability, and pliability of racial formations.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

 **ANTH 68. Forced Out and Fenced In: Ethnography of Latinx Immigration. 3 Credits.**

Undocumented immigration receives considerable attention in the U.S., but what does it mean to be undocumented? How does illegality shape the lived realities of migrants themselves? Through in-depth engagement with ethnographic research on the topic, this course examines the social, political, and legal challenges faced by undocumented Latinx migrants and their families.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

 **ANTH 70. By Persons Unknown: Race and Reckoning in North Carolina. 3 Credits.**


This research-intensive seminar explores the legacy of race and racial terrorism in N.C. by using archival resources and community testimony. The class projects-focusing on a single county-explore the public erasure of Black histories, the careful craftings of public memory, and the far-reaching impact of racist practices on the economic, educational, social, and political lives of communities. The class will be working directly with community members to build public awareness of the legacies of racial violence. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

 **ANTH 77. First-Year Seminar: Windows of Mystery and Wonder: Exploring Self-Taught Art. 3 Credits.**

Folk, outsider, visionary: these terms invoke artistry that unfolds outside of mainstream artistic traditions. This seminar explores these worlds of self-taught art, addressing issues of inspiration, authenticity, and cultural (mis)representation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **ANTH 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course; content will vary each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**ANTH 92. UNITAS. 3 Credits.**

Fall component of a two-semester course. A seminar that explores issues of social and cultural diversity. Students must be residents of UNITAS residence hall.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**ANTH 93. UNITAS. 3 Credits.**

Spring component of a two-semester course. Students engage in service learning through APPLES and produce a final product that thoughtfully reflects on their experience. Students must be residents of UNITAS residence hall.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** SS, EE- Service Learning, US.

**Requisites:** Prerequisite, ANTH 92; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ANTH 101. General Anthropology. 3 Credits.**

An introduction to anthropology, the science of humans, the culture-bearing animal. Topics considered: human evolution and biological variations within and between modern populations, prehistoric and historic developments of culture, cultural dynamics viewed analytically and comparatively. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 102. Introduction to Cultural Anthropology. 3 Credits.**

An introduction to non-Western cultures studied by anthropologists. Includes an in-depth focus on the cultural and social systems of several groups.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**ANTH 104. Introduction to Biocultural Medical Anthropology. 3 Credits.**

This course examines how health and illness are shaped, experienced, and understood across cultures and in light of global, historical, and political forces. Health and well-being are examined through a range of theoretical, methodological, and applied perspectives.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Grading Status:** Letter grade.

**ANTH 120. Anthropology through Expressive Cultures. 3 Credits.**

Introduction to cultural analysis and the anthropological point of view through analytic and interpretive readings of films, fiction, and ethnography. Emphasis on social conditions and native points of view.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 121. Ancient Cities of the Americas. 3 Credits.**

An introduction to archaeology through the study of towns and cities built by the ancient peoples of the Americas. The focus is on historical processes by which these centers arose.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**ANTH 123. Habitat and Humanity. 3 Credits.**

Cross-cultural survey of building and landscape architecture, including prehistoric dwellings and sacred structures such as shrines and temples. Emphasis on architecture as symbolic form and cultural meaning.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ANTH 125. Canine Cultures. 3 Credits.**

Introduces anthropology through human-dog relations across time and space. Theories about domestication; canine versus primate cognition and perception; working and service dogs; street dogs; the development and global spread of breeds; impact of human values and politics on dog lives around the world. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Field Work, GL.

**Grading Status:** Letter grade.

**ANTH 130. Anthropology of the Caribbean. 3 Credits.**

Theories and examples of how Caribbean people live, act, and see themselves within various cultural, social, economic, and political contexts across time. Attention to North American views of the Caribbean.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** FOLK 130.

**ANTH 138. Linguistic Anthropology. 3 Credits.**

An introduction to linguistic anthropology and anthropological linguistics. The course approaches the complex interconnections between language, culture, and cognition; theoretical approaches employed during the past century (structuralism, functionalism, ethnoscience, universalism, linguistic relativity); common case studies (spatial language, colors, classifiers, deixis); verbal art (orality, literacy), linguistic ideology; and ethnolinguistic vitality.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** LING 138.

**ANTH 139. Ecological Anthropology. 3 Credits.**

Examines how human-environmental adaptations shape the economic, social, and cultural lives of hunter-gatherers, pastoralists, and agriculturalists. Approaches include optimal foraging theory, political ecology, and subsistence risk.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 142. Local Cultures, Global Forces. 3 Credits.**

Globalization as a cultural and economic phenomenon, emphasizing the historical development of the current world situation and the impact of increasing global interconnection on local cultural traditions. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**ANTH 143. Human Evolution and Adaptation. 3 Credits.**

Evolutionary and ecological approach to understanding the human species' past and contemporary human variation. Emphasis on evolutionary processes, biological adaptation, and biocultural interactions with diverse environments.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 144. Archaeology and the Media. 3 Credits.**

This class will examine how archaeology is represented in the media. This will include the characterization of archaeology and archaeologists in film and written fiction. This course will also examine the dissemination of archaeological findings through fact based presentations such as television documentaries and material published for the general public's consumption.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**ANTH 145. Introduction to World Prehistory. 3 Credits.**

Introduction to world prehistory and archaeological methods. Examines the development of human society from the emergence of modern human beings 100,000 years ago through the formation of ancient civilizations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**ANTH 147. Comparative Healing Systems. 3 Credits.**

In this course we compare a variety of healing beliefs and practices so that students may gain a better understanding of their own society, culture, and medical system.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 148. Human Origins. 3 Credits.**

Study of human evolution. Focus on the fossil record of humans and human-like ancestors. Topics include communication, aggression, dietary adaptations, locomotion, major anatomical changes, and behavioral shifts in an evolutionary framework.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 149. Great Discoveries in Archaeology. 3 Credits.**

This course provides students with a detailed look at some of the most significant archaeological discoveries from around the world, including Neanderthals, Stonehenge, and the Egyptian pyramids.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**ANTH 151. Anthropological Perspectives on Food and Culture. 3 Credits.**

Anthropological perspectives on foodways. This course examines the biological basis of human diets as well as the historical and cultural contexts of food production, preparation, presentation, and consumption.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**ANTH 175. Introduction to Food Studies: From Science to Society. 3 Credits.**

Introduction to food studies covering a variety of topics including how food was consumed over history, land use and aquaculture, food in the arts, food and culture in the American South, food politics, and nutrition science.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** GL, NA.

**Grading Status:** Letter grade.

**Same as:** NUTR 175, AMST 175.

**ANTH 190. Special Topics in Anthropology I. 1-4 Credits.**

Examines selected topics from an anthropological perspective. Course description is available from the departmental office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ANTH 191. Peoples of Siberia. 3 Credits.**

Comparative study of the cultural and biological diversity of peoples of Siberia from prehistoric through contemporary times. Course topics include the biological diversity, culture, behavior, and history of Siberian populations.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 191.

**ANTH 194. Anthropology and Community Development. 3 Credits.**

The course examines ethnographic, theoretical, practical, and policy approaches to community development and community organizations in America and the English-speaking Caribbean. Students can work with a local community organization.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**ANTH 195. Research in Anthropology I. 1-3 Credits.**

Permission of the instructor. Data collection, analysis, and interpretation for independent research project.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ANTH 196. Independent Reading or Study in Anthropology I. 1-3 Credits.**

Permission of the instructor. Reading and study under a faculty member whose interests coincide with those of the individual student.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ANTH 198H. First Year Honors in Anthropology II. 3 Credits.**

Open to honors candidates. Permission of the instructor is required. Reading or study under a faculty member whose interests coincide with those of the individual student.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 202. Everyday Cultures: Folklore in America. 3 Credits.**

An introduction to the study of creativity and aesthetic expression in everyday life, considering both traditional genres and contemporary innovations in the material, verbal, and musical arts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** ENGL 202, FOLK 202.

**ANTH 203. Approaches to American Indian Studies. 3 Credits.**

Introduces students to the disciplines comprising American Indian studies and teaches them how to integrate disciplines for a more complete understanding of the experiences of American Indian peoples.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** AMST 203.

**ANTH 206. American Indian Societies. 3 Credits.**

Explores the tremendous diversity that exists within and across American Indian nations, together with the concerns, issues, and challenges that shape the futures American Indians are charting for themselves.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**ANTH 210. Global Issues and Globalization. 3 Credits.**

Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** GLOB 210, GEOG 210, HIST 210, POLI 210.

**ANTH 214. Medicine in the Arab World. 3 Credits.**

This course introduces students to questions of medicine in the Arab world, from medieval times to the present with an emphasis on the contemporary period. It takes medicine as a lens for understanding the formation of the Arab world, connecting medical practices and institutions with wider formations like colonialism, nationalism, violence, or religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ARAB 214.

**ANTH 217. Human Biology in Comparative Perspective. 3 Credits.**

Students explore the biological and biocultural factors that shape human biology and health from the cellular to the societal levels. This course compares human biology, health, and development across a range of international settings. Students have the opportunity to analyze current research in human biology and conduct independent research.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 220. Principles of Archaeology. 3 Credits.**

Introduction to method and theory in archaeology. An examination of how archaeologists make inferences about past societies, including reconstruction of culture histories; lifeways; ideologies; and social, political, and economic relationships.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 222. Prehistoric Art. 3 Credits.**

A survey of prehistoric art in Africa, the Americas, Australia, and Europe.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** WGST 222.

**ANTH 226. The Peoples of Africa. 3 Credits.**

Introductory ethnographic survey emphasizing 1) diversity of kinship systems, economies, politics, religious beliefs, etc.; 2) transformations during the colonial era; and 3) political and economic challenges of independent nations. Lectures, films, recitation.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 231. The Inca and Their Ancestors: The Archaeology of Andean South America. 3 Credits.**

An examination of the prehistory of Andean South America (Ecuador, Peru, and Bolivia) from first colonization 12,000 years ago to the fall of the Inca Empire in 1532 CE.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**ANTH 232. Ancestral Maya Civilizations. 3 Credits.**

Maya civilization is prominent among American societies that flourish prior to European incursions. Archaeological, epigraphic, and historical materials provide the foundation for understanding this past and its romance allure. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**ANTH 233. Archaeology of Ancient Turkey. 3 Credits.**

In this course, we examine important archaeological sites in the Republic of Turkey representing some of the most influential events in human history from the origins of farming and the earliest monumental ritual structures, to the first early city states and empires, to the beginnings of the Silk Road.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**ANTH 234. Native American Tribal Studies. 3 Credits.**

This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** HIST 234, AMST 234.

**ANTH 235. Origins of Civilization: Archaeology of the British Museum. 3 Credits.**

In this course we explore archaeological evidence for the rise of western civilizations from 10,000-1000 BC focusing on the collections of the world famous British Museum. We will use the collections of the British Museum, including exhibits on prehistoric Israel, Mesopotamia, Egypt, and Turkey; the world's first cities; and early writing (including objects such as the Rosetta Stone) to understand the technological and social changes that underpin and have influenced western civilization.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, EE- Study Abroad, WB.

**Grading Status:** Letter grade.

**ANTH 237. Food, Environment, and Sustainability. 3 Credits.**

Explores the nexus of agricultural, ecological, and food systems as they dynamically interact. The class examines case studies from North Carolina and other parts of the world. Themes include nutrition, food security, agroecology, and sustainable livelihoods. Students engage in readings, class projects, and hands-on activities in a laboratory setting.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**Same as:** ENEC 237.

**ANTH 238. Human Ecology of Africa. 3 Credits.**

Course examines human adaptations to environments across Africa. Focuses on livelihood systems such as farming, herding and hunting/gathering.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Grading Status:** Letter grade.

**Same as:** ENEC 238.

**ANTH 240. Action Research. 3 Credits.**

Action research is a strategy for answering important questions, solving problems, and generating meaningful and democratic relationships. Through this course you will learn action research from an anthropological perspective through readings, essays, discussion, and hands-on experience. APPLS leadership and service students have seating priority.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Mentored Research.

**Grading Status:** Letter grade.

**ANTH 248. Anthropology and Public Interest. 3 Credits.**

Explores how anthropologists can impact or participate in policy debates regarding contemporary social problems. Involves professional and internship options in public service fields. APPLS service-learning course.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Mentored Research.

**Grading Status:** Letter grade.

 **ANTH 250. Archaeology of North America. 3 Credits.**

The history of North American Indian cultures from 10,000 BCE to the time of the European colonization as reconstructed by archaeological research. Special emphasis on the eastern and southwestern United States. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

 **ANTH 252. Archaeology of Food. 3 Credits.**

Examines how people in the past acquired, distributed, prepared, presented, consumed, and thought about food. Considers the questions that archaeologists ask, the data and methods they use to answer those questions, and how the study of food contributes to understanding people in the distant and recent past.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**ANTH 259. Culture and Identity. 3 Credits.**

Introduces anthropological approaches to identity. Explores the relationship of identity, cultural contexts, and social life. Emphasizes contemporary global cultural interchange and visual media as tools of self-expression.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **ANTH 270. Living Medicine. 3 Credits.**

This course examines the social and cultural experience of medicine, the interpersonal and personal aspects of healing and being healed. It explores how medicine shapes and is shaped by those who inhabit this vital arena of human interaction: physicians, nurses, other professionals and administrators; patients; families; friends and advocates.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **ANTH 272. Healing in Ethnography and Literature. 3 Credits.**

This course brings together literary and ethnographic methods to explore narratives of illness, suffering, and healing, and medicine's roles in these processes. Themes include illness narratives, outbreak narratives, collective memory and healing from social trauma, and healers' memoirs.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ENGL 264.

**ANTH 277. Gender and Culture. 3 Credits.**

Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** WGST 277.

 **ANTH 278. Women in Science. 3 Credits.**

The role of women in scientific domains throughout history and a consideration of the status of women and men as scientists. The development of science as a cultural practice.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** HS, CI, EE- Mentored Research.


**Grading Status:** Letter grade.

**Same as:** WGST 278.

 **ANTH 280. Anthropology of War and Peace. 3 Credits.**

Cross-cultural perspectives on war in its relation to society, including Western and non-Western examples. Surveys political, economic, and cultural approaches to warfare and peacemaking.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** SS, GL.


**Grading Status:** Letter grade.

**Same as:** PWAD 280.

 **ANTH 284. Culture and Consumption. 3 Credits.**

A cross-cultural look at gift giving, commodities, and status symbols. Course explores branded commodities, materialism as a factor in cultural change, global consumer culture, and local alternatives.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**ANTH 290. Special Topic in Anthropology II. 3 Credits.**

Examines selected topics from an anthropological perspective. Course description is available from the departmental office. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ANTH 291. Archaeological Theory and Practice. 3 Credits.**

A review of historical and theoretical developments that have framed archaeological research, including a discussion of substantive changes in research questions, topics, methods, and analyses that reshaped the field. Course will place American archaeology in a wider international context.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 294. Anthropological Perspectives on Society and Culture. 3 Credits.**

Examines major theoretical perspectives that anthropologists have used to explain cultural diversity, social organization, and relations among societies. The class will offer a historical look at how anthropology developed its commitment to holism and ethnography and how contemporary debates have reshaped the field. Restricted to anthropology majors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 295. Research in Anthropology II. 1-3 Credits.**

Permission of the instructor. Data collection, analysis, and interpretation for independent research project.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ANTH 296. Independent Reading or Study in Anthropology II. 1-3 Credits.**

Permission of the instructor. Reading or study under a faculty member whose interests coincide with those of the individual student.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ANTH 297. Directions in Anthropology. 3 Credits.**

Open only to and required of anthropology majors in their junior or senior year. Historical and contemporary issues and directions in the discipline as reflected in various concepts, theories, and research strategies. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 298. Biological Anthropology Theory and Practice. 3 Credits.**

Biological anthropology theory and practice, including human natural history, human genetics, epigenetics, and evolution; primatology; paleoanthropology; human biological variation; human biology and ecology; natural selection and adaptation in human evolution; and evolutionary, ecological, and biocultural perspectives on health and disease.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 300. Hip Hop Roots: The Politics and Passions of Black Oral Poetry. 3 Credits.**

A journey into the prehistory of hip hop, exploring the hidden and erased legacies of Black oral poetry. Guided by poets and emcees, we'll demonstrate oral poetry's longstanding role as a key marker of Black identity, and as a critical voice of cultural affirmation and political dissent. Rather than focusing on contemporary hip hop, this course instead explores the roots that gave it rise, with students conducting original research to re-write the music's history. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**ANTH 302. Language and Power. 3 Credits.**

This course provides an overview of language and power studies. Issues: sexist and sex-neutral language; languages of subcultures defined by gender, sexual orientation, ethnicity; hate speech; "politically correct" language.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**Same as:** LING 302, WGST 302.

**ANTH 303. Native Languages of the Americas. 3 Credits.**

This course is an introduction to languages indigenous to the Americas. The course touches on the linguistic structure and classification of Native American languages as well as on social issues.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** LING 303.

**ANTH 306. Water and Inequality: Anthropological Perspectives. 3 Credits.**

This course aims to foster an appreciation of the tremendous role of water in shaping human experience, including the ways water shapes where people live, constrains what they do, and plays a major role in the institutionalization of social, political, and economic inequalities. No prerequisites or permissions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.



**ANTH 312. From the Equator to the Poles: Case Studies in Global Environmental Change. 3 Credits.**

Case studies in environmental change, highlighting human and environmental dynamics in terrestrial and marine ecosystems on multiple spatial and temporal scales. Includes active learning modules, group presentations, writing assignments.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 315. Human Genetics and Evolution. 3 Credits.**

Interaction of heredity, environment, and culture in shaping human biological diversity and behavior, and what such patterns of diversity reveal about our evolutionary past.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 318. Human Growth and Development. 3 Credits.**

Comparative study of human growth and development from conception through adulthood. Special emphasis on evolutionary, biocultural, ecological, and social factors that influence growth.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 319. Global Health. 3 Credits.**

This class explores some of the historical, biological, economic, medical, and social issues surrounding globalization and health consequences.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 320. Anthropology of Development. 3 Credits.**

Critical exploration of current debates in the anthropology of Third World development, the production of global inequality, and the construction of parts of the world as underdeveloped through discourses and practices of development.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 325. Emotions and Society. 3 Credits.**

Survey of the interplay between emotional experience and social life. Emotions as learned, culturally variable, and socially performed perceptions, understandings, and actions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**ANTH 326. Practicing Medical Anthropology. 3 Credits.**

A workshop on careers in medical anthropology and the kinds of contributions that medical anthropologists make to health care professions. Students will learn skills including interviewing methods, writing for diverse audiences, blogging. Intended for medical anthropology minors and students interested in bringing anthropological perspectives to a range of practical contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**ANTH 328. Anthropology of Care. 3 Credits.**

In this course, we study how medical anthropologists have come to think and write about the concept and practice of care over the last two decades. We will draw on ethnographic literature from a wide range of sites, such as the home, the hospital, the arctic circle, and international border posts, to explore big-picture questions about the efficacy of modern medicine, state of social justice, and challenges facing humanity in the world today. Restricted to medical anthropology majors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Grading Status:** Letter grade.

**ANTH 330. Melancholy Japan: Myth, Memory, and Everyday Life. 3 Credits.**

Ethnographic study of the profound social and cultural transformations that accompanied the capitalist modernization of Japan. Considers the emergence of native ethnology and state interventions into everyday life.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN, CI.

**Grading Status:** Letter grade.

**Same as:** ASIA 330.

**ANTH 331. The Anthropology of Memory. 3 Credits.**

This course is a historical and ethnographic study of the problems of history, memory, and forgetting in contemporary society.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**ANTH 333. Anthropology of Democracy. 3 Credits.**

This course explores how anthropological perspectives might take understandings of democracy in new and unanticipated directions. Using examples from across the globe students will investigate the forces and impacts of democracy. Through hands-on assignments, students will implement a local research project related to the theme of democracy.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 334. Art, Nature, and Religion: Cross-Cultural Perspectives. 3 Credits.**

This cross-cultural study of art focuses on the forms, images, and meanings of paintings, drawings, and carvings produced by the Diyin Dine'é (Navajo), the Dogon (Mali, West Africa), and the Haida, Kwagiutl, Tlingit, and Tshimshian (northwest coast of North America).

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** FOLK 334.

**ANTH 335. The Commons, Ecology, and Human Futures. 3 Credits.**

Commons are shared resources that make human life sustainable over time, and are an alternative to private property and the state. This course explores the Commons in terms of property rights, environmental problems, and political challenges using case studies from the fisheries, waterways, forests, and pasture management. Previously offered as ANTH 440.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 340. Southern Styles, Southern Cultures. 4 Credits.**

A journey into hidden worlds of southern meaning, exploring the region from the experiential lens of African Americans and the South's indigenous peoples, as a way of rethinking the question, "What does it mean to be a Southerner?" Students will explore focused issues each semester through intensive, group-based field work projects.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** FOLK 340.

**ANTH 342. African-American Religious Experience. 3 Credits.**

Permission of the instructor. An introduction to the diversity of African American beliefs, experiences, and expressions from the colonial era to the present. Exploration will be both historical and thematic.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** RELI 342, FOLK 342.

**ANTH 343. Africa and Masks. 3 Credits.**

Examines the production, circulation, and consumption of masks in both African and non-African contexts. Expands, nuances, and sometimes undoes our notions of mask, masquerade, and masking.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN, CI.

**Grading Status:** Letter grade.

**Same as:** ARTH 353, AAAD 319.

**ANTH 345. Alternatives to Capitalism. 3 Credits.**

An investigation of economic systems that are sustainable alternatives to the globally dominant political and economic order. Topics include markets, the Commons, cooperatives, local trading systems, participatory budgeting, and social movements seeking to bring these alternatives about. Throughout, the course asks: what can anthropology tell us about the potentials and limits of social transformation? Previously offered as ANTH 466.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

 **ANTH 347. Anthropology of Travel and Tourism. 3 Credits.**

This course considers anthropological approaches to travel and tourism in the contemporary world. We examine differences of race, class, gender, sexual orientation, and nationality in the experiences of travelers as well as of those who work in the service industries that accommodate travelers' needs—and the ways in which travel destinations are represented and marketed.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

 **ANTH 349. Violent Pasts. 3 Credits.**

This course explores the role of violence in the creation of the "modern world" over the past 500 years, the legacies of this violence for the 21st century, and the debates over how to memorialize these histories of violence. This is an archaeology course, which means the content and case studies will be approached from a material perspective by focusing on the landscapes, buildings, homes, and artifacts that structured our violent pasts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Grading Status:** Letter grade.

**ANTH 350. Anthropology of the State, Civil Society, and Politics. 3 Credits.**

This course is a thematically organized investigation of political processes in modern nation-states and corporate states in the current era of globalization. Using ethnographic and historical studies, we ask: what is happening to the contemporary nation-state, social and political life, and the conditions for human welfare given these processes? Previously offered as ANTH 491.

**Rules & Requirements**


**Making Connections Gen Ed:** SS, EE- Mentored Research, GL.

**Grading Status:** Letter grade.

 **ANTH 354. Everyday Lives in the Middle East: Anthropological Perspectives. 3 Credits.**

The course introduces students to patterns of everyday life in the contemporary Middle East. From an anthropological perspective the course explores a variety of topics such as gender, religion, politics, the economy, urban life, and popular culture.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.


**Grading Status:** Letter grade.

**Same as:** ARAB 354.

 **ANTH 355. Life, Society and Work in the Globalized City. 3 Credits.**

Contemporary cities are undergoing major transformations due to globalization, economic restructuring, political conflict, and transnational migration. This course is a comparative study of the structures of power, everyday life, and social inequalities in globalized cities in North America, Asia, and Europe. Previously offered as ANTH 567.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, CI, GL.

**Grading Status:** Letter grade.

 **ANTH 356. Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions. 3 Credits.**

An anthropological investigation of the role of skilled handiwork in the creation of contemporary culture and society. It includes field work with a local artisan. Ethnographies about artisan industries and apprenticeship in Latin America, Africa, and Southeast Asia guide our conceptual focus. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, BN, EE- Field Work.

**Grading Status:** Letter grade.

**ANTH 360. Latin American Economy and Society. 3 Credits.**

Examines economic and cultural diversity of Latin America. Using case studies, class focuses on community social organization, work habits, family life and cosmologies, and the problem of inclusion in national cultures.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 361. Community in India and South Asia. 3 Credits.**

This course offers an introduction to the peoples and current dynamics of South Asia by focusing on how communities are constituted and mobilized in India, Pakistan, Nepal, Sri Lanka, and Bangladesh. No prior knowledge of this world area is needed.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**ANTH 365. Chinese Diaspora in the Asia Pacific. 3 Credits.**

This course is an examination of the histories, social organization, and cultures of the Chinese diaspora in the Asia-Pacific region, focusing on contemporary issues in the cultural politics and identities of "overseas Chinese." Previously offered as ANTH/ASIA 578.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, CI, GL.


**Grading Status:** Letter grade.

**Same as:** ASIA 365.

 **ANTH 370. Southern Legacies: The Descendants Project. 4 Credits.**

In this Course-based Undergraduate Research Experience (CURE) class, students will explore the legacy of racial terrorism in North Carolina. Students will search archival sources to discover the family histories of lynching victims, tracing those families to the present, interviewing their descendants, and working with communities to build public awareness of - and perhaps public memorials to - the victims of racial violence.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER, RESEARCH.

**Making Connections Gen Ed:** SS, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** FOLK 370.

**ANTH 375. Memory, Massacres, and Monuments in Southeast Asia. 3 Credits.**

The past in Southeast Asia's present, focusing on global, national, and local processes; individual and collective memory; and the legacies of violent death.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 375.

**ANTH 377. European Societies. 3 Credits.**

This course explores many cultural factors and diverse peoples, non-Greco-Roman as well as Greco-Roman, that have formed the European identity from the earliest human occupation of Europe to present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**ANTH 380. Anthropological Perspectives on Cultural Diversity. 3 Credits.**

Introduction to theories of cultural and social difference. Encourages students to use social theory and ethnography to understand how various societies imagine and enact their cultural and political worlds.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 390. Special Topics in Medical Anthropology. 3 Credits.**

A rotating topics course related to any of the subject areas and methodological approaches in medical anthropology. Seminar format will enable students to engage closely with a faculty member on his or her area of research. Intended for medical anthropology minors with enrollment open to other students if space allows.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ANTH 392. Professional Development and Career Exploration. 3 Credits.**

Someone will eventually ask you "What are you going to do with that?" when they find out what you're studying in college. This class is designed to help you figure out the answer to that question, not to satisfy their curiosity, but to develop a vision for your future that draws on your training. In this course, we'll explore your options and develop additional tools to make the most of your degree in anthropology.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, Three or more ANTH courses, or a declared major or minor in ANTH, or permission of the instructor.

**Grading Status:** Letter grade.

**ANTH 393. Internship in Anthropology. 1-12 Credits.**

Internship in Anthropology. Permission of the instructor and the director of undergraduate studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ANTH 395. Research in Anthropology. 1-6 Credits.**

Permission of the instructor. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ANTH 396. Independent Reading or Study in Anthropology. 1-6 Credits.**

Permission of the instructor. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ANTH 405. Mental Health, Psychiatry, and Culture. 3 Credits.**

This course explores mental illness as subjective experience, social process, key cultural symbol, and object of intervention and expert knowledge. Our questions include: Does mental illness vary across cultural and social settings? How do psychiatric ways of categorizing, diagnosing, and treating mental illness shape people's subjective experience of their affliction? How is psychiatry predicated on cultural ideas about self and society? What does this contingency mean for the movement for global mental health?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 406. Native Writers. 3 Credits.**

Exploration of a broad selection of writings by native or indigenous scholars from tribal societies throughout the world. Seeks to understand the hopes, dreams, priorities, and perspectives of native peoples as expressed by and through their writers.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**ANTH 410. The Identification and Analysis of Historical Artifacts. 3 Credits.**

This is a hands-on lab class on the identification and analysis of ceramics, tobacco pipes, glassware, small finds, and personal objects produced or traded in Northern Europe and Eastern North America. Students will be instructed on how to identify, date, and analyze artifacts from the 17th century through the middle of the 20th century. In addition, topics such as function, technology, and socioeconomic status will be discussed.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**ANTH 411. Laboratory Methods in Archaeology. 3 Credits.**

An examination of the laboratory techniques used by archaeologists to analyze artifacts and organic remains, including the analysis of stone tools, pottery, botanical remains, and bone. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** SS, QI, WB.

**Grading Status:** Letter grade.

**ANTH 412. Paleoanthropology. 3 Credits.**

This course traces the evolution of humans and nonhuman primates—including behaviors, tools, and bodies of monkeys, apes, and human hunters and gatherers—evolutionary theory, and paleoanthropological methods.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

 **ANTH 413. Laboratory Methods: Archaeobotany. 3 Credits.**

This course will focus on the analysis of plant remains from archaeological sites. Introduction to laboratory methods, analytical approaches, and interpretive framework for archaeobotany. Prior course in archaeology recommended but not required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** PX, CI, EE- Mentored Research.

**Requisites:** Corequisite, ANTH 413L.

**Grading Status:** Letter grade.

**ANTH 413L. Archaeobotany Lab. 1 Credits.**


Lab analysis of plant remains from archaeological sites with an emphasis on basic procedures for processing, sorting, and identifying macrobotanical remains.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Corequisite, ANTH 413.

**Grading Status:** Letter grade.

 **ANTH 414. Laboratory Methods: Human Osteology. 3 Credits.**

This course will focus on the analysis of human skeletal materials in the laboratory and in the field, with an emphasis on basic identification, age and sex estimation, and quantitative analysis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 414L. Human Osteology Lab. 1 Credits.**

The laboratory analysis of human skeletal materials with an emphasis on basic identification, age and sex estimation, and quantitative analysis.

**Rules & Requirements**

**Requisites:** Corequisite, ANTH 414.

**Grading Status:** Letter grade.

 **ANTH 415. Laboratory Methods: Zooarchaeology. 3 Credits.**

This course will focus on the analysis of animal remains from archaeological sites. Introduction to laboratory methods, analytical approaches, and interpretive frameworks for zooarchaeology.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 415L. Zooarchaeology Lab. 1 Credits.**

Required preparation, an archaeological course or permission of instructor. Examination of identification techniques, quantitative methods, and interpretive frameworks used to analyze animal remains recovered from archaeological sites.

**Rules & Requirements**

**Requisites:** Corequisite, ANTH 415.

**Grading Status:** Letter grade.

 **ANTH 416. Bioarchaeology. 3 Credits.**

The study of human skeletal remains from archaeological contexts. The collection and interpretation of quantitative and qualitative data is emphasized to assess the relationship between past biology, environment, culture, and behavior.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 417. Laboratory Methods: Lithic Seminar. 3 Credits.**

Laboratory techniques in stone tool research and experimental practice.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 417L. Lithic Analysis Lab. 1 Credits.**

Required preparation, any course in archaeology or permission of the instructor. This is a required one-hour laboratory section to be taken in conjunction with ANTH 417.

**Rules & Requirements**

**Requisites:** Corequisite, ANTH 417.

**Grading Status:** Letter grade.

 **ANTH 418. Laboratory Methods: Ceramic Analysis. 3 Credits.**

A survey of the laboratory techniques used by archaeologists to study and draw social and behavioral inferences from ancient pottery.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Grading Status:** Letter grade.

**ANTH 419. Anthropological Application of GIS. 3 Credits.**

Permission of the instructor. GIS experience required. This course explores applying GIS science technologies to anthropological problems. Students will learn GIS skills and apply them using spatial data.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 420. Public Archaeology. 3 Credits.**

The aim of the course is to build an understanding of archaeology as a discipline that involves and affects the public. Among the areas to be covered are the implementation of federal, state, and other statutes, and the presentation of archaeological knowledge through museums and public media.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 421. Archaeological Geology. 3 Credits.**

The application of geological principles and techniques to the solution of archaeological problems. Studies geological processes and deposits pertinent to archaeological sites, geologic framework of archaeology in the southeastern United States, and techniques of archaeological geology. Field trips to three or more sites; written reports required. Course previously offered as GEOL 421. Permission of the instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** EMES 421.

**ANTH 422. Anthropology and Human Rights. 3 Credits.**

An examination of human rights issues from an anthropological perspective, addressing the historical formation of rights, their cross-cultural context and the emergence of humanitarian and human rights organizations on a global scale.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 423. Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains. 3 Credits.**

This course combines laboratory training, field projects, lectures, films, discussion, and student presentations into a course on the science of human skeletal analysis. Students learn the laboratory methods scientists use to study human remains and the role of skeletal analysis in the study of contemporary forensic cases.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 424. Ritual, Festival, and Public Culture. 3 Credits.**

This course explores rituals, festivals, and public cultural performances as forms of complex, collective, embodied creative expression. As sites of popular celebration, conflict resolution, identity definition, and social exchange, they provide rich texts for folkloristic study. We consider how local and global forces both sustain and challenge these forms.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** SS, EE- Field Work.

**Grading Status:** Letter grade.

**Same as:** FOLK 424.

**ANTH 425. Public Archaeology Practicum. 3 Credits.**

An opportunity for archaeology students to apply their field and/or lab skills to a semester long, team-based research project developed to address the needs of a community partner.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Requisites:** Prerequisite, ANTH 410, 411, 420, 451 or CLAR 411; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ANTH 426. Making Magic. 3 Credits.**

Magic in anthropology and popular culture, from the 19th century to the present. Focuses on witchcraft and healing; arts of illusion; fantasy and (multiple) realities. Examines how realities are made and unmade through speech, rites, relations of power.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**ANTH 427. Race. 3 Credits.**

This course explores the history, politics, and social dimensions of race as a category. It examines the lived experience of race, racialization and racism, as well as the role of anthropology in contemporary and historic definitions of race.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 428. Religion and Anthropology. 3 Credits.**

Religion studied anthropologically as a cultural, social, and psychological phenomenon in the works of classical and contemporary social thought. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** FOLK 428, RELI 428.

**ANTH 429. Culture and Power in Southeast Asia. 3 Credits.**

The formation and transformation of values, identities, and expressive forms in Southeast Asia in response to forms of power. Emphasis on the impact of colonialism, the nation-state, and globalization.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 429, FOLK 429.

**ANTH 430. War, Medicine, and the Military. 3 Credits.**

This course provides anthropological perspectives on the interrelationships between medicine and medical research, military institutions, and war.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**ANTH 432. Science and Society in the Middle East. 3 Credits.**

This class explores science and society in the modern Middle East. Drawing on works from anthropology and history, it investigates how science interacts with, is shaped by, and reflects wider processes and formations such as nationalism, colonialism, religion, subject formation, or cultural production. Previously offered as ARAB 353.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ARAB 432.

**ANTH 437. Evolutionary Medicine. 3 Credits.**

This course explores evolutionary dimensions of variation in health and disease in human populations. Topics include biocultural and evolutionary models for the emergence of infectious and chronic diseases and cancers.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 438. Religion, Nature, and Environment. 3 Credits.**

A seminar on concepts of nature within religions and a variety of world-wide spiritual traditions. Emphasis on sacred space, place, and pilgrimage as a vital intersection of religion and nature. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **ANTH 439. Political Ecology. 3 Credits.**

Examines environmental degradation, hunger, and poverty through the lens of power relationships, particularly inequality, political and economic disenfranchisement, and discrimination. Discussion of global case studies, with a Latin American focus.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, CI, GL.

**Grading Status:** Letter grade.

**ANTH 441. The Anthropology of Gender, Health, and Illness. 3 Credits.**

The course explores cultural beliefs, practices, and social conditions that influence health and sickness of women and men from a cross-cultural perspective.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** WGST 441.

**ANTH 442. Health and Gender after Socialism. 3 Credits.**

This course examines postsocialist experiences of the relationship between political, economic, social, and cultural transitions, and challenges in public health and gender relations.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** WGST 440.

 **ANTH 443. Cultures and Politics of Reproduction. 3 Credits.**

This course takes a cross-cultural approach to understanding how reproduction and associated phenomena become arenas where political debates are played out, and where global and local social relations are contested.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**Same as:** WGST 443.

**ANTH 444. Medicine, Politics, and Justice. 3 Credits.**

This course brings an anthropological approach to understanding the intersections between medicine, politics, and public health.


**Rules & Requirements**

**Grading Status:** Letter grade.

 **ANTH 445. Migration and Health. 3 Credits.**

This course examines the intersections between migration processes and the political, economic, and social dimensions of health and well-being among migrants, their families, and their communities.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** WGST 445.

**ANTH 446. Poverty, Inequality, and Health. 3 Credits.**

This course examines poverty, inequalities, and health from a global and historical perspective. We will study the role of sociopolitical context, individual behavior, and human biology, and will pay particular attention to the roles of psychosocial stress, material conditions, and policy in shaping health differences within and between populations.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 447. The Anthropology of Work. 3 Credits.**

Anthropological investigations of work and the relationship between work, family life, and community in contemporary societies in the United States, Asia, and Latin America, within the framework of globalization. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI, GL.

**Grading Status:** Letter grade.

 **ANTH 448. Health and Medicine in the American South. 3 Credits.**

This course examines ways we can understand the history and culture of a region through the experience of health and healthcare among its people. With an anthropological approach, this course considers the individual, social, and political dimensions of medicalized bodies in the American South from the 18th century through the current day.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

 **ANTH 449. Anthropology and Marxism. 3 Credits.**

Critical study of Marx' mature social theory and its relationship to contemporary anthropology.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**ANTH 450. Ethnographic Research Methods. 3 Credits.**

Students learn about methodologies of ethnographic research and put these into practice through a semester-long field research project. We explore the theoretical, ethical, and practical promises and challenges of ethnography, from problem definition and research design to data analysis and writing. Students collect and analyze ethnographic data using participant observation, fieldnotes, interviewing, visual methods, focus groups, archival and ethnographic survey research, and learn various strategies for organizing, coding, and presenting findings.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ANTH 451. Field School in North American Archaeology. 6 Credits.**

Intensive training in archaeological field methods and techniques. Students participate in the excavation, recovery, recording, and interpretation of archaeological remains. Instruction given in survey, mapping, photography, flotation recovery, etc. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, EE- Field Work, WB.

**Grading Status:** Letter grade.

**ANTH 452. The Past in the Present. 3 Credits.**

Memory and history, history and politics, national narratives, the past in the present, and the present in the past; a cross-cultural examination of ways of connecting the present and the past.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**ANTH 453. Field School in South American Archaeology. 6 Credits.**

Intensive study of archaeological field and laboratory methods and prehistory of the Andes through excavation and analysis of materials from archaeological sites in Peru. Includes tours of major archaeological sites. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, EE- Study Abroad, EE- Field Work, WB.

**Grading Status:** Letter grade.

**ANTH 454. The Archaeology of African Diasporas. 3 Credits.**

How is archaeological evidence used to understand the movement of Africans and their descendants across the globe? This course focuses on what archaeologists have learned about the transformation of societies on the African continent and in the Americas from the era of the trans-Atlantic slave trade to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**ANTH 455. Ethnohistory. 3 Credits.**

Integration of data from ethnographic and archaeological research with pertinent historic information. Familiarization with a wide range of sources for ethnohistoric data and practice in obtaining and evaluating information. Pertinent theoretical concepts will be explored.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**Same as:** FOLK 455.

**ANTH 456. Archaeology and Ethnography of Small-Scale Societies. 3 Credits.**

The study of small-scale hunter-gatherer and farming societies from archaeological and ethnographic perspectives. Methods and theories for investigating economic, ecological, and social relations in such societies are explored.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**ANTH 457. Perspectives in Historical Archaeology. 3 Credits.**

This class will examine the development of historical archaeology as a distinct subdiscipline as well as investigating how the field is being practiced currently around the world.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**ANTH 458. Archaeology of Sex and Gender. 3 Credits.**

Required preparation, at least one ANTH or one WMST course. A discussion of gender and sex roles and sexuality in past cultures; a cross-cultural examination of ways of knowing about past human behavior.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, WB.

**Grading Status:** Letter grade.

**Same as:** WGST 458.

**ANTH 459. Ecological Anthropology. 3 Credits.**

Examines how human-environmental adaptations shape the economic, social, and cultural lives of hunter-gatherers, pastoralists and agriculturalists. Approaches include optimal foraging theory, political ecology and subsistence risk.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ENEC 459.

**ANTH 460. Historical Ecology. 3 Credits.**

Historical ecology is a framework for integrating physical, biological, and social science data with insights from the humanities to understand the reciprocal relationship between human activity and the Earth system.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** ENEC 460.



**ANTH 461. Colonialism and Postcolonialism: History and Anthropology. 3 Credits.**

This course examines colonialism and postcolonialism through the lenses of history and anthropology respectively. Through history, it asks, What were the dynamics of colonialism then? Through anthropology, it questions, What are the conditions, quandaries, and possibilities of postcolonialism now? Regional focus varies by instructor and year.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**ANTH 463. Settler Colonialism. 3 Credits.**

This class will be framed around readings that explore the varied impact of European settlement across the globe. In focusing on both the varied global legacies of colonialism and the continued sociopolitical movements of indigenous populations, this class will encourage a broad perspective on what settler colonialism looks like today.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, GL.

**Grading Status:** Letter grade.

**ANTH 464. Life and Violence. 3 Credits.**

Violence in human societies has been studied by social scientists for decades. Yet, how violence is defined and written about varies from discipline to discipline. In this course, we study violence in its many forms (e.g., political, ethnic, bodily, and religious), from an anthropological perspective. We will critically assess how the past and present violence affect everyday life and inform our perspectives about places and people that might be unfamiliar to us.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 467. Culture, Wealth, and Poverty. 3 Credits.**

Examines three broad perspectives used to explain inequality: ecological, cultural, and political. Students read theoretical works and evaluate arguments using ethnographies that describe local economies, institutions, and adaptive practices.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 468. State Formation. 3 Credits.**

The course examines the state, from its initial appearance 5,000 years ago to newly established nation-states, exploring the concepts of ethnicity, class, race, and history in state formation and maintenance.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**ANTH 469. History and Anthropology. 3 Credits.**

Studies links between history and anthropology; cultures in historical perspective and history in cultural perspective; and effects of relations of power and historical interconnections on the peoples of the world.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 470. Medicine and Anthropology. 3 Credits.**

This course examines cultural understandings of health, illness, and medical systems from an anthropological perspective with a special focus on Western medicine.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** FOLK 470.

**ANTH 471. Biocultural Perspectives on Maternal and Child Health. 3 Credits.**

This course explores maternal and child health from an evolutionary, biocultural, and global health perspective. It focuses on the physiological, ecological, and cultural factors shaping health and takes a life course perspective to examine childhood development, reproductive processes such as pregnancy, birth and lactation, and menopause and aging.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**ANTH 473. Anthropology of the Body and the Subject. 3 Credits.**

Anthropological and historical studies of cultural constructions of bodily experience and subjectivity are reviewed, with emphasis on the genesis of the modern individual and cultural approaches to gender and sexuality.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** FOLK 473.

**ANTH 474. The Anthropology of Disability. 3 Credits.**

Investigates the social, cultural, and historical variation in the conception of disability, in its practical meaning and performance, and in its social and medical management. Special attention is paid to the interplay of embodiment, identity, and agency in work and everyday life and in political action and advocacy.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 477. Visual Anthropology. 3 Credits.**

This course introduces students to visual forms of communication through both the analysis and production of still and video materials. Ethics, cross-cultural representations, and ethnographic theory will all be explored.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, EE- Mentored Research.

**Grading Status:** Letter grade.

**ANTH 484. Discourse and Dialogue in Ethnographic Research. 3 Credits.**

Study of cultural variation in styles of speaking applied to collection of ethnographic data. Talk as responsive social action and its role in the constitution of ethnic and gender identities.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI, US.

**Grading Status:** Letter grade.

**Same as:** FOLK 484, LING 484.

**ANTH 490. Undergraduate Seminar in Anthropology. 3 Credits.**

The subject matter will vary with the instructor. Each course will concern itself with a study in contemporary anthropology and new directions in research or applications. Restricted to junior and senior anthropology majors; generally the course is limited to 18 students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ANTH 502. Globalization and Transnationalism. 3 Credits.**

Anthropological examination of processes of globalization and transnationalism, with special attention to transnational migration, emergence of transnational ('global') institutions, commodity flows, and dissemination of ideologies, cultural frameworks, and media imagery.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 503. Gender, Culture, and Development. 3 Credits.**

Classic writings and debates relating to gender and development, with emphasis on recent work that critiques conventional development models. The scope is global, with special attention to Latin America and to such questions as how alternative approaches to gender, culture, and development may be more inclusive of diverse peoples and grassroots movements for change.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** WGST 503.

**ANTH 520. Linguistic Phonetics. 3 Credits.**

Introduction to the general principles of linguistic phonetics; anatomy of vocal tract, physiology of speech production, universal phonetic theory. Practice in the recognition and transcription of speech sounds.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Grading Status:** Letter grade.

**Same as:** LING 520.

**ANTH 523. Phonological Theory I. 3 Credits.**

Permission of the instructor for undergraduates. Introduction to the principles of modern generative phonology. Methods and theory of phonological analysis. Students may not receive credit for both LING 200 and LING 523.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 520, or SPHS 530 or 540.

**Grading Status:** Letter grade.

**Same as:** LING 523.

**ANTH 535. The Archaeology of Health and Well-Being. 3 Credits.**

In this course, we will engage the juxtaposition between traditional cures and the institutionalized ones of the 21st century through analyzing earlier material manifestations of health care and well-being. We will trace the growth of medical care in America from the early colonial years, and consider how they resulted in wholly American circumstances and applications.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 537. Gender and Performance: Constituting Identity. 3 Credits.**

Examines the culturally and historically variable ways in which individuals constitute themselves as cis- or transgendered subjects, drawing upon extant expressive resources, modifying them, and expanding options available to others. Performance of self as the product of esthetically marked or unmarked, everyday actions.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** FOLK 537, WGST 438.

**ANTH 538. Disease and Discrimination in Colonial Atlantic America. 3 Credits.**

Colonization of Atlantic America between 1500 and 1900, through landscape change, agriculture, poverty, labor discrimination, and slavery differentially placed subsets of the general population at risk for infectious disease and other insults to their health. Lecture and discussion using archaeological and bioarchaeological studies, modern disease studies, and historic documents.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**ANTH 539. Environmental Justice. 3 Credits.**

Course examining issues of race, poverty, and equity in the environmental movement. Cases include the siting of toxic incinerators in predominantly people-of-color communities to resource exploitation on indigenous lands.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** SS, EE- Service Learning, US.

**Grading Status:** Letter grade.

**ANTH 540. Planetary Crises and Ecological and Cultural Transitions. 3 Credits.**

Analysis of the social-environmental crisis and approaches to redress it, particularly those that posit ecological and cultural transitions beyond current globalization models. Participants will construct their own scenarios for transitions to sustainable and pluralistic societies. The course will have an in-built, collective research component. Intended for upper-division undergraduates.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**ANTH 541. Sociolinguistics. 3 Credits.**

Introduction to the study of language in relation to society; variation as it correlates with socioeconomic status, region, gender; the social motivation of change; language and equality; language maintenance, planning, shift.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101 or 400.

**Grading Status:** Letter grade.

**Same as:** LING 541.

**ANTH 542. Pidgins and Creoles. 3 Credits.**

Examination of the social contexts of language contact and their linguistic outcomes, with particular emphasis on the formation of pidgins and creoles. The course investigates the structural properties of these new contact languages and evaluates the conflicting theories that explain their genesis.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101 or 400.

**Grading Status:** Letter grade.

**Same as:** LING 542.

**ANTH 545. The Politics of Culture in East Asia. 3 Credits.**

Examines struggles to define culture and the nation in 20th-century China in domains like popular culture, museums, traditional medicine, fiction, film, ethnic group politics, and biography and autobiography.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 545.

**ANTH 550. Archaeology of the American South. 3 Credits.**

Current issues and interpretations in the archaeology of the American South. Through weekly readings and discussions, students will explore the lifeways and changes that characterized each major period of the South's ancient history, from 12,000 years ago to the beginnings of European colonization.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**ANTH 551. Origins of Agriculture in the Ancient World. 3 Credits.**

This course explores archaeological evidence for the origins of food production. We address when and where this profound change occurred as well as focusing on why it happened and what its consequences were. We will examine current evidence for the origins of agriculture in both Old and New Worlds.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, WB.

**Grading Status:** Letter grade.

**ANTH 574. Chinese World Views. 3 Credits.**

Explores the indigenous Chinese sciences and the cosmological ideas that informed them. Topics include astronomy, divination, medicine, fengshui, and political and literary theory. Chinese sources in translation are emphasized.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 574, RELI 574.

**ANTH 582. Fieldwork with Social Models of Well-Being. 3 Credits.**

Required preparation, at least one introductory cultural medical anthropology course. This course highlights approaches and organizations that pursue well-being through social relations and social change, rather than through medical treatment and cure. Students will: 1) learn the conceptual understandings that inform social models of well-being in disability studies/disability rights, occupational science, and critical gerontology; and 2) learn and apply anthropological methods of participant-observation fieldwork and interviewing in local organizations that implement these social models.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWLEDGE or FC-POWER, HI-SERVICE.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ANTH 585. Anthropology of Science. 3 Credits.**

Cultural perspectives on science and technology at a global scale, including research settings and social contexts, knowledge claims and material practice, and relations between scientific worldviews, social institutions, and popular imagination.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL, NA.

**Grading Status:** Letter grade.

**ANTH 590. Special Topics in Anthropology I. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ANTH 623. Human Disease Ecology. 3 Credits.**

This seminar considers cultural ecologies of disease by examining how social, cultural, and historical factors shape disease patterns. We examine how ecosystems are shaped by disease, how disease shapes ecosystems, and how cultural processes (e.g., population movements, transportation, economic shifts, landscape modifications, and built environments) contribute to emerging infectious disease.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 624. Anthropology and Public Health. 3 Credits.**

This course compares disciplinary approaches of public health and anthropology. We begin by examining the social determinants of health paradigms and relationships between inequality, poverty, and global health. We will explore epidemiological, biocultural, and symbolic approaches to these problems. Public policy and health development will also be examined.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 625. Ethnography and Life Stories. 3 Credits.**

The course focuses on the practical and research uses of ethnography and oral history, emphasizing life histories, life stories, biographies, and how these intersect with communities.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** SS, EE- Service Learning, EE- Field Work, US.

**Grading Status:** Letter grade.

**ANTH 629. Language Minority Students: Issues for Practitioners. 3 Credits.**

Permission of the instructor. Explores issues of culture and language associated with teaching English as a second language.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** EDUC 629.

**ANTH 649. Politics of Life and Death. 3 Credits.**

The course examines intersections between life, death, and contemporary politics, with a historical focus on the health of populations. It combines theoretical discussions with comparative empirical cases in a global frame and includes a research component.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ANTH 650. Reconstructing Life: Nutrition and Disease in Past Populations. 3 Credits.**

This is an advanced course in the reconstruction of nutrition and health in past populations. Among the topics explored are epidemiology, disease ecology, dietary reconstruction, and paleopathology.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ANTH 651. Identity, Memory, and the Afterlife: The Space and Place of Death. 3 Credits.**

Death is a universal event, yet treatment of the dead varies from society to society. This course will be directed at examining mortuary rituals, memory and identity, and the scientific study of the dead to interpret the space and place of death in archaeological contexts.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 674. Issues in Cultural Heritage. 3 Credits.**

This course examines entanglements between the past and present from multiple and conflicting perspectives, highlighting an archaeological point of view. Models of participatory research are considered in relation to cultural heritage, and indigenous-rights perspectives are discussed in reference to archaeological, nation-state, and global interests.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**ANTH 675. Ethnographic Method. 3 Credits.**

Intensive study and practice of the core research methods of cultural and social anthropology.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**Same as:** FOLK 675.

**ANTH 676. Research Methods in Human Biology. 3 Credits.**

This course focuses on laboratory and field research methods in human biology. Through readings, in-class exercises, data collection outside of class, and laboratory analysis, students will examine issues of epistemology, ethics, data and biomarker collection methods, analysis and data processing. We will pay particular attention to issues of bias and validity, as well as precision and accuracy in human biology research.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ANTH 680. Quantitative Methods in Archaeology. 3 Credits.**

Introduction to quantitative and computer methods in archaeology. The course stresses exploratory data analysis and graphical pattern recognition techniques. Previously offered as ANTH 726. Permission of instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** SS, QI.

**Grading Status:** Letter grade.

**ANTH 682. Contemporary Chinese Society. 3 Credits.**

Presents recent anthropological research on the People's Republic of China. In addition to social sciences sources, fictional genres are used to explore the particular modernity of Chinese society and culture.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 682.

**ANTH 688. Observation and Interpretation of Religious Action. 3 Credits.**

Permission of the instructor. Exercises (including field work) in learning to read the primary modes of public action in religious traditions, e.g., sermons, testimonies, rituals, and prayers.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Mentored Research.


**Grading Status:** Letter grade.

**Same as:** FOLK 688, RELI 688.


**ANTH 690. Special Topics in Anthropology II. 2-3 Credits.**  
 Subject matter will vary with instructor but will focus on some particular topic or anthropological approach. Course description is available from the departmental office.


**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.  
**Grading Status:** Letter grade.


 **ANTH 691H. Seniors Honors Project in Anthropology. 3 Credits.**  
 Seniors Honors Project in Anthropology. Permission of the instructor. Open only to honors candidates.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.  
**Making Connections Gen Ed:** SS, EE- Mentored Research.  
**Grading Status:** Letter grade.

 **ANTH 692H. Senior Honors Thesis in Anthropology. 3 Credits.**  
 Senior Honors Thesis in Anthropology. Permission of the instructor is required. Open only to senior honors candidates.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.  
**Making Connections Gen Ed:** EE- Mentored Research.  
**Grading Status:** Letter grade.

## Contact Information

**Department of Anthropology**  
 Visit Program Website (<http://anthropology.unc.edu>)  
 301 Alumni Building, CB#3115  
 (919) 962-1243

**Chair**  
 Amanda Thompson  
 althomps@email.unc.edu

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 Colin West  
 ctw@email.unc.edu

## Anthropology Major, B.A.

Anthropology is the integrative study of human beings at all times and in all places. Anthropological expertise has special application for hidden histories and the ancient past; the intersection of human biology and ecology; and the way communities create and use meaning, values, and history in everyday life. Students interested in choosing anthropology as a major or minor should visit the department’s website (<http://anthropology.unc.edu>) and click on the link for the undergraduate program. Students planning a major in anthropology should inform the department’s director of undergraduate studies. Students should consult with the director of undergraduate studies on a regular basis.

## Student Learning Outcomes

Upon completion of the anthropology program, students should be able to:

- Discuss and critically assess theories and concepts for the study of social, cultural, and biological forms, phenomena, and change in the human species

- Engage in the coherent, holistic, integrative study of humans over time and space
- Demonstrate an in-depth knowledge of human social, cultural, and biological heterogeneity, within a framework that affirms the essential unity of the human species










## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
One course from biological anthropology chosen from the following list:		3
ANTH 143	Human Evolution and Adaptation	
ANTH 148	 Human Origins	
ANTH 217	 Human Biology in Comparative Perspective	
ANTH 315	 Human Genetics and Evolution	
ANTH 319	 Global Health	
One course from archaeology chosen from the following list:		3
ANTH 121	 Ancient Cities of the Americas	
ANTH 145	 Introduction to World Prehistory	
ANTH 149	 Great Discoveries in Archaeology	
ANTH 220	 Principles of Archaeology	
ANTH 222	 Prehistoric Art	
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America	
ANTH 232	 Ancestral Maya Civilizations <sup>H</sup>	
ANTH 250	 Archaeology of North America <sup>H</sup>	
ANTH 454	The Archaeology of African Diasporas	
ANTH 457	Perspectives in Historical Archaeology	
One course from sociocultural anthropology chosen from the following list:		3
ANTH 102	 Introduction to Cultural Anthropology	
ANTH 120	Anthropology through Expressive Cultures	
ANTH 147	 Comparative Healing Systems	
ANTH 240	Action Research	
ANTH 280	 Anthropology of War and Peace	
ANTH 284	 Culture and Consumption	
One theoretical perspectives course chosen from the following list (taken in the junior year): <sup>1</sup>		3

ANTH 291	 Archaeological Theory and Practice	
ANTH 294	 Anthropological Perspectives on Society and Culture	
ANTH 297	Directions in Anthropology <sup>H</sup>	
ANTH 298	 Biological Anthropology Theory and Practice	
Capstone Seminar in Anthropology		3
ANTH 490	Undergraduate Seminar in Anthropology	
Four additional three-hour courses in anthropology		12
<b>Additional Requirements</b>		
No more than three courses used to fulfill the major can be numbered below 200.		
No more than six hours of field-oriented coursework can be counted toward the major.		
ANTH 393	 Internship in Anthropology	
ANTH 395	Research in Anthropology <sup>H</sup>	
ANTH 451	 Field School in North American Archaeology <sup>H</sup>	
ANTH 453	Field School in South American Archaeology <sup>H</sup>	
No more than three hours of coursework from the following list may be counted toward the major:		
ANTH 92	 UNITAS	
ANTH 93	 UNITAS	
ANTH 195	Research in Anthropology I	
ANTH 196	Independent Reading or Study in Anthropology I	
ANTH 295	Research in Anthropology II	
ANTH 296	Independent Reading or Study in Anthropology II	
ANTH 396	Independent Reading or Study in Anthropology <sup>H</sup>	
ANTH 691H	 Seniors Honors Project in Anthropology	
ANTH 692H	 Senior Honors Thesis in Anthropology	
<b>Total Hours</b>		<b>27</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> The theoretical perspectives requirement serves as the major's core course; it offers an integrative perspective on the theories and history of anthropology and explores what it means to be an anthropologist. Majors should fulfill this requirement in their junior year. If they cannot do so, they should consult with the director of undergraduate studies.

The department recommends that majors enroll in some field-oriented coursework such as ANTH 393, ANTH 395, ANTH 451, ANTH 453, or in study abroad coursework.

## Special Opportunities in Anthropology

### Honors in Anthropology

Writing an honors thesis is an excellent way to cap one's major in anthropology. The process offers students the chance to carry out original research on a topic that they are passionate about. Our thesis writers work closely with a faculty advisor and committee members to develop their project. The department provides excellent support, offering a specific seminar during the fall (ANTH 691H) and a corresponding independent study (ANTH 692H), that together walk students through the essential steps of research design and writing. For our students,

writing an honors thesis continues to prove a pivotal experience—at once a capstone to their studies at Carolina and an achievement to carry with them into their lives and careers beyond.

To pursue an honors thesis project, students must:

- Maintain a minimum grade point average of 3.3 from the spring semester of the junior year through the entirety of the senior year
- Secure a faculty advisor who is an anthropologist at UNC-Chapel Hill.
- Successfully complete the ANTH 691H and ANTH 692H sequence
- Receive approval from UNC's Office for Human Research Ethics prior to the start of research, for all projects involving human subjects

The process for approval requires several steps:

- Students considering an honor thesis should first contact the director of undergraduate studies or the honors thesis seminar instructor, during their junior year (or earlier).
- Eligible students next should secure an advisor prior to enrolling in ANTH 691H for the fall semester of their senior year. Typically, the advisor is a professor that they have worked with in a class or faculty member with shared interests.
- In the fall students develop their research design and begin to write their thesis ANTH 691H.
- In the spring, students complete an independent study with their advisor, focusing on writing the thesis ANTH 692H. Students also form their committee, by adding two additional faculty members.
- To complete the process, students defend (i.e., present and discuss) their thesis to their committee.

## Internships, Field Work, and Independent Study

Students who wish to explore an anthropological concern outside the conventional classroom setting, or who desire advanced or specialized work beyond current course offerings, should consider ANTH 393, ANTH 395, ANTH 396, ANTH 451, and ANTH 453.

ANTH 393 provides anthropology students the opportunity to engage in internships or other field experiences within or beyond the University that have a significant anthropological learning component. Variable credit may be obtained for this course. ANTH 393 is a controlled enrollment course; it requires the permission in advance of the faculty member sponsoring the internship, of a responsible official of the agency in which the internship is carried, and of the director of undergraduate studies. It is essential that students make arrangements and secure permissions prior to the semester of the internship.

ANTH 396 provides anthropology students the opportunity to engage in independent study, and ANTH 395, the opportunity to engage in field research, in both cases under the mentoring of a specific faculty member. Variable credit may be obtained for these courses, although three units are usually expected. ANTH 396 and ANTH 395 require the permission of the faculty member under whom the student wishes to conduct research prior to the semester in which ANTH 396 or ANTH 395 is taken. Both are controlled enrollment courses. In general, these courses should be taken only by students with some prior coursework in anthropology or a related social science.

ANTH 451 and ANTH 453 are six-unit field school courses in which the student gains hands-on experience in research and study in the field under the direction of a faculty member.

Anthropology majors are limited to having no more than six credit hours of field-oriented coursework (ANTH 393, ANTH 395, ANTH 451, or

ANTH 453) count toward meeting the major requirement, although they are not restricted from enrolling in more than six credit hours of these courses combined.

## Study Abroad

Anthropology majors are encouraged to enroll in a study abroad program. These programs can offer direct experience of another culture and intensive language training, as well as excellent coursework in anthropology. By consulting with their departmental advisors as well as with the University's Study Abroad Office, students can assess the relevance of available programs to their interests and arrange to transfer credit hours to count toward their undergraduate degree and, where appropriate, the anthropology major. Study abroad programs are often affordable even to students who require financial aid. Information about student loans and scholarships for the purpose of studying abroad can be obtained from the Study Abroad Office.

## Undergraduate Awards

The Honigmann Undergraduate Honors Thesis Award is given each year to the student who completed the best undergraduate honors project.

## Department Programs

### Major

- Anthropology Major, B.A. (p. 93)
- Medical Anthropology Major, B.A. (p. 95)

### Minors

- General Anthropology Minor (p. 97)
- Heritage and Global Engagement Minor (p. 97)
- Medical Anthropology Minor (p. 99)

### Graduate Programs

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology/>)

## Contact Information

### Department of Anthropology

Visit Program Website (<http://anthropology.unc.edu>)

301 Alumni Building, CB#3115

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### Chair

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### Director of Undergraduate Studies

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## Medical Anthropology Major, B.A.

Medical anthropology addresses the biological, cultural, and political-economic dimensions of health, illness, and healing historically and at present. Reflecting the multi-disciplinary character of its parent field of anthropology, medical anthropology deploys quantitative and qualitative methods to examine the body as a site of evolutionary processes and cultural symbols, and healing as interpretive processes at macro, meso, and micro levels.

This program provides students with the fundamental knowledge and exposure needed to pursue careers and post-graduate studies in fields related to global health, public health, allied health care and health and human services, medicine, dentistry, and other emerging disciplines.

For students seeking a career in the health professions, the program in medical anthropology complements training in the natural sciences. Courses in medical anthropology explore population variations in health outcomes due to the influence of culture. The curriculum also equips students with ways to understand the meanings people find in illness and healing and the moral stakes of medical decisions. Additionally, courses in medical anthropology give students awareness of the formal institutions and social relations that become the channels and limitations of technical knowledge about illness and healing.

## Student Learning Outcomes

Upon completion of the medical anthropology program, students should be able to:







- Demonstrate knowledge of the relationships between humans' health and historical, biocultural, and societal dynamics
- Demonstrate understanding of the ways comparative cultural and historical experiences impact health-related values and practices, definitions of illness, and methods of healing
- Demonstrate competence in reading, analyzing, and communicating social science research on health
- Gain experience conducting and/or applying research using medical anthropology's methods
- Gain an understanding of medical anthropology's relationships to the holistic, parent discipline of anthropology and its contributions to applied professional fields such as medicine and global health.

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).







Code	Title	Hours
<b>Core Requirements</b>		
Select two foundational courses:		6
ANTH 53	 First-Year Seminar: Darwin's Dangerous Idea <sup>H</sup>	
ANTH 66H	 First-Year Seminar: Saving the World? Humanitarianism in Action	
ANTH 104	 Introduction to Biocultural Medical Anthropology	
ANTH 147	 Comparative Healing Systems	
ANTH 270	 Living Medicine	
ANTH 319	 Global Health	

Select two research methods and experience courses (see list below)	6
Select five elective courses, apportioned in the following ways: <sup>1</sup>	15
At least one from the biological/ecological elective list (see below)	
At least one from the sociocultural elective list (see below)	
No more than two of the five courses can be at the 100-level or below	
<b>Total Hours</b>	<b>27</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> These courses can be taken at any time during the student's tenure at UNC. Students may count up to two (2) ANTH courses not included in this elective list, or up to two (2) courses from outside the department that relate to the student's area of interest in medical anthropology.




## Research Methods and Experiences

Code	Title	Hours
ANTH 240	Action Research	3
ANTH 248	Anthropology and Public Interest	3
ANTH 297	Directions in Anthropology <sup>H</sup>	3
ANTH 326	 Practicing Medical Anthropology	3
ANTH 390	Special Topics in Medical Anthropology	3
ANTH 393	 Internship in Anthropology <sup>1</sup>	1-12
ANTH 395	Research in Anthropology <sup>H</sup>	1-6
ANTH 396	Independent Reading or Study in Anthropology <sup>1, H</sup>	1-6
ANTH 414	 Laboratory Methods: Human Osteology	3
ANTH 419	Anthropological Application of GIS	3
ANTH 450	Ethnographic Research Methods	3
ANTH 582	 Fieldwork with Social Models of Well-Being	3
ANTH 625	 Ethnography and Life Stories	3
ANTH 650	Reconstructing Life: Nutrition and Disease in Past Populations	3
ANTH 675	Ethnographic Method	3
ANTH 676	Research Methods in Human Biology	3
ANTH 691H	 Seniors Honors Project in Anthropology	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.












<sup>1</sup> Must be taken for at least three credit hours.

## Electives in Biological and Ecological Anthropology

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	 Human Origins	3
ANTH 151	 Anthropological Perspectives on Food and Culture	3
ANTH/AMST/ NUTR 175	 Introduction to Food Studies: From Science to Society	3

ANTH 217	 Human Biology in Comparative Perspective	3
ANTH/ENEC 237	 Food, Environment, and Sustainability	3
ANTH 252	 Archaeology of Food	3
ANTH 298	 Biological Anthropology Theory and Practice	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 318	 Human Growth and Development	3
ANTH 437	Evolutionary Medicine	3
ANTH 446	Poverty, Inequality, and Health	3
ANTH 471	Biocultural Perspectives on Maternal and Child Health	3
ANTH 538	Disease and Discrimination in Colonial Atlantic America	3
ANTH 623	Human Disease Ecology	3

## Electives in Sociocultural Medical Anthropology

Code	Title	Hours
ANTH 272/ ENGL 264	Healing in Ethnography and Literature	3
ANTH 278	 Women in Science	3
ANTH/PWAD 280	 Anthropology of War and Peace	3
ANTH 320	Anthropology of Development	3
ANTH 325	 Emotions and Society	3
ANTH 328	 Anthropology of Care	3
ANTH 405	 Mental Health, Psychiatry, and Culture	3
ANTH 422	Anthropology and Human Rights	3
ANTH 426	Making Magic	3
ANTH 442	Health and Gender after Socialism	3
ANTH/WGST 443	 Cultures and Politics of Reproduction	3
ANTH 445	 Migration and Health	3
ANTH 448	 Health and Medicine in the American South	3
ANTH 464	Life and Violence	3
ANTH 470	Medicine and Anthropology	3
ANTH 473	Anthropology of the Body and the Subject	3
ANTH 474	The Anthropology of Disability	3
ANTH 585	Anthropology of Science	3
ANTH 624	 Anthropology and Public Health	3
ANTH 649	Politics of Life and Death	3
AAAD 300	 Cultures of Health and Healing in Africa	3
AAAD 387	 HIV/AIDS in Africa and the Diaspora	3

## Special Opportunities

See the program page here (p. 94) for special opportunities.

## Department Programs

### Major

- Anthropology Major, B.A. (p. 93)
- Medical Anthropology Major, B.A. (p. 95)

### Minors



- General Anthropology Minor (p. 97)
- Heritage and Global Engagement Minor (p. 97)
- Medical Anthropology Minor (p. 99)

**Graduate Programs**

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology/>)

**Contact Information**

**Department of Anthropology**

Visit Program Website (<http://anthropology.unc.edu>)  
 301 Alumni Building, CB#3115  
 (919) 962-1243

**Program Director**

Michele Rivkin-Fish  
[mrfish@unc.edu](mailto:mrfish@unc.edu)

**Chair**

Amanda Thompson  
[althomps@email.unc.edu](mailto:althomps@email.unc.edu)

**Director of Undergraduate Studies**

Colin West  
[ctw@email.unc.edu](mailto:ctw@email.unc.edu)

**Anthropology (General) Minor**

Anthropology is the integrative study of human beings at all times and in all places. Anthropological expertise has special application for hidden histories and the ancient past; the intersection of human biology and ecology; and the way communities create and use meaning, values, and history in everyday life. We support studies, research, and professional applications in these areas with three programs of foundational training:

1. archaeology
2. human biology, ecology, and evolution
3. sociocultural anthropology

**Requirements**

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
	Five three-hour anthropology (ANTH) courses taken in the department. <sup>1, 2</sup>	15
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> A maximum of two courses may be numbered below 200.

<sup>2</sup> Credit hours for independent study or independent field research may not count towards the minor, including ANTH 195, ANTH 196, ANTH 295, ANTH 296, ANTH 393, ANTH 395 and ANTH 396.

The Department of Anthropology provides a complete list of of anthropology (ANTH) (p. 72) courses.

Students planning on a minor in anthropology should inform the department’s director of undergraduate studies.

See the program page here (p. 94) for special opportunities.

**Department Programs**

**Major**

- Anthropology Major, B.A. (p. 93)
- Medical Anthropology Major, B.A. (p. 95)

**Minors**

- General Anthropology Minor (p. 97)
- Heritage and Global Engagement Minor (p. 97)
- Medical Anthropology Minor (p. 99)

**Graduate Programs**

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology/>)

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**Chair**

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[althomps@email.unc.edu](mailto:althomps@email.unc.edu)

**Director of Undergraduate Studies**

Colin West  
[ctw@email.unc.edu](mailto:ctw@email.unc.edu)

**Heritage and Global Engagement Minor**

**Introduction**

The heritage and global engagement minor offers students the opportunity to engage two critical issues of our times: globalization and heritage. Students will learn a wide range of culturally aware approaches to understanding the role of globalization and heritage in the modern world. Emphasizing experiential learning, the minor offers students guided training in a range of anthropological methodologies including ethnography, oral life-history, heritage conservation, and community-based, participatory research. Through designated engagement courses, student completing the minor will have developed a portfolio of extended cases studies, ethnographic projects, and designs for participatory heritage and globally-concerned projects. This emphasis on engagement —i.e. first-hand anthropological research—teaches students to connect new ideas about culture, history, globalization, and identity with real communities. This course of study therein prepares students to navigate

the complex issues of globalization and heritage that they will encounter in their personal and professional lives beyond UNC. The minor is designed to complement other majors and careers, where cultural awareness is a must. Affording undergraduates the opportunity to anthropologically engage their world, the heritage and global engagement minor brings together UNC faculty, students, and communities—both abroad and here in North Carolina—to create locally grounded, globally aware understandings of an increasingly interconnected world.

## Graduate School and Career Opportunities












There are multiple career paths open to students with a minor in heritage and global engagement. The minor is designed to augment a range of courses of study and careers. From medical and health professions to business, government, and nongovernmental organizations (NGOs), anthropological perspective is increasingly at a premium in the world writ large. This minor gives students the global awareness and first-hand research skills to distinguish themselves in a variety of local and global fields.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Select five (5) courses from the following list. At least one course must involve engaged anthropological research. <sup>1</sup>		15
ANTH 54	 First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	
ANTH 60	 First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>	
ANTH 62	 First-Year Seminar: Indian Country Today	
ANTH 63	 First-Year Seminar: The Lives of Others: Exploring Ethnography <sup>1</sup>	
ANTH 64	 First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis <sup>1</sup>	
ANTH 120	Anthropology through Expressive Cultures	
ANTH 121	 Ancient Cities of the Americas	
ANTH 142	 Local Cultures, Global Forces <sup>1, H</sup>	
ANTH 144	Archaeology and the Media	
ANTH 145	 Introduction to World Prehistory	
ANTH 151	 Anthropological Perspectives on Food and Culture	
ANTH/ENGL/ FOLK 202	 Everyday Cultures: Folklore in America	
ANTH 210	 Global Issues and Globalization	

ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America
ANTH 232	 Ancestral Maya Civilizations <sup>H</sup>
ANTH 233	 Archaeology of Ancient Turkey
ANTH 240	Action Research <sup>1</sup>
ANTH 248	Anthropology and Public Interest <sup>1</sup>
ANTH 250	 Archaeology of North America <sup>H</sup>
ANTH 252	 Archaeology of Food
ANTH 259	Culture and Identity <sup>1</sup>
ANTH 284	 Culture and Consumption <sup>1</sup>
ANTH 330	 Melancholy Japan: Myth, Memory, and Everyday Life
ANTH 331	 The Anthropology of Memory <sup>1</sup>
ANTH 356	 Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions <sup>1, H</sup>
ANTH 361	Community in India and South Asia
ANTH 375	Memory, Massacres, and Monuments in Southeast Asia
ANTH 406	 Native Writers
ANTH 420	Public Archaeology
ANTH 425	 Public Archaeology Practicum <sup>1</sup>
ANTH 429	 Culture and Power in Southeast Asia
ANTH 445	 Migration and Health <sup>1</sup>
ANTH 452	The Past in the Present
ANTH 454	The Archaeology of African Diasporas
ANTH 461	Colonialism and Postcolonialism: History and Anthropology <sup>1</sup>
ANTH 477	Visual Anthropology
ANTH 550	 Archaeology of the American South
ANTH 625	 Ethnography and Life Stories <sup>1</sup>
ANTH 674	 Issues in Cultural Heritage <sup>1</sup>

**Total Hours** 15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Courses involving engaged anthropological research.

## Special Opportunities

See the program page here (p. 94) for special opportunities. Students should also meet with the Department of Anthropology's undergraduate career advisor to explore opportunities that are beyond the classroom yet relevant to this minor.

## Department Programs

Major

- Anthropology Major, B.A. (p. 93)
- Medical Anthropology Major, B.A. (p. 95)

### Minors

- General Anthropology Minor (p. 97)
- Heritage and Global Engagement Minor (p. 97)
- Medical Anthropology Minor (p. 99)

### Graduate Programs

- Ph.D. in Anthropology (<http://catalog.unc.edu/graduate/schools-departments/anthropology/>)

## Contact Information

### Department of Anthropology

Visit Program Website (<http://anthropology.unc.edu>)  
301 Alumni Building, CB#3115  
(919) 962-1243

### Chair

Amanda Thompson  
althomps@email.unc.edu

### Director of Undergraduate Studies

Colin West  
ctw@email.unc.edu

## Medical Anthropology Minor

Anthropology is the integrative study of human beings at all times and in all places. Anthropological expertise has special application for hidden histories and the ancient past; the intersection of human biology and ecology; and the way communities create and use meaning, values, and history in everyday life. We support studies, research, and professional applications in these areas with three programs of foundational training: archaeology; human biology, ecology, and evolution; and sociocultural anthropology.



The medical anthropology minor is especially appropriate for those planning careers in medicine and health professions.





















## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Five three-hour courses taken from the following list:		15
AAAD 300	 Cultures of Health and Healing in Africa	
AAAD 387	 HIV/AIDS in Africa and the Diaspora	
ANTH 66H	 First-Year Seminar: Saving the World? Humanitarianism in Action	

ANTH 143	Human Evolution and Adaptation
ANTH 147	 Comparative Healing Systems
ANTH 148	 Human Origins
ANTH 151	 Anthropological Perspectives on Food and Culture
ANTH 217	 Human Biology in Comparative Perspective
ANTH 270	 Living Medicine
ANTH 272	Healing in Ethnography and Literature
ANTH 278	 Women in Science
ANTH 280	 Anthropology of War and Peace
ANTH 315	 Human Genetics and Evolution
ANTH 318	 Human Growth and Development
ANTH 319	 Global Health
ANTH 320	Anthropology of Development
ANTH 325	 Emotions and Society
ANTH 326	 Practicing Medical Anthropology
ANTH 390	Special Topics in Medical Anthropology
ANTH 405	 Mental Health, Psychiatry, and Culture
ANTH 414	 Laboratory Methods: Human Osteology
ANTH 422	Anthropology and Human Rights
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains
ANTH 426	Making Magic
ANTH 437	Evolutionary Medicine
ANTH 439	 Political Ecology
ANTH 441	The Anthropology of Gender, Health, and Illness
ANTH 442	Health and Gender after Socialism
ANTH 443	 Cultures and Politics of Reproduction
ANTH 444	Medicine, Politics, and Justice
ANTH 445	 Migration and Health
ANTH 446	Poverty, Inequality, and Health
ANTH 448	 Health and Medicine in the American South
ANTH 470	Medicine and Anthropology
ANTH 471	Biocultural Perspectives on Maternal and Child Health
ANTH 473	Anthropology of the Body and the Subject
ANTH 474	The Anthropology of Disability
ANTH 535	 The Archaeology of Health and Well-Being
ANTH 538	Disease and Discrimination in Colonial Atlantic America
ANTH 585	Anthropology of Science
ANTH 623	Human Disease Ecology
ANTH 624	 Anthropology and Public Health
ANTH 649	Politics of Life and Death
ANTH 650	Reconstructing Life: Nutrition and Disease in Past Populations

**Total Hours**

**15**

Students planning on a minor in medical anthropology should inform the department's director of undergraduate studies. For more information about medical anthropology see [medicalanthropology.unc.edu](http://medicalanthropology.unc.edu) (<http://medicalanthropology.unc.edu>).

See the program page here (p. 94) for special opportunities.

## Department Programs

### Major

- Anthropology Major, B.A. (p. 93)
- Medical Anthropology Major, B.A. (p. 95)

### Minors

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### Director of Undergraduate Studies

Colin West  
[ctw@email.unc.edu](mailto:ctw@email.unc.edu)

## Department of Applied Physical Sciences

The Department of Applied Physical Sciences combines applied science and engineering to solve real problems for North Carolina and the world through technology, innovation, and partnerships, and the preparation of knowledgeable and responsible students, citizens, and researchers. The department expands interdisciplinary research and teaching by strengthening an intellectual climate in which science is collaborative and focused on applications. The doctoral graduate program in materials science is housed in the department as well as undergraduate courses and a minor in applied sciences and engineering. APS is also home to BeAM (<https://beam.unc.edu>) (Be A Maker), the UNC network of makerspaces.

### Minor

- Applied Sciences and Engineering Minor (p. 105)

### Graduate Programs

- Ph.D. in Materials Science (<https://aps.unc.edu/graduate-program-overview/>)

## Professors

**Theo J. Dingemans (APS)**, High-Performance Polymers and (Nano)composites

**Greg Forest (Mathematics)**, Flow and Structure of Complex Polymeric Fluids

**Jinsong Huang (APS)**, Perovskite Solar Cells, Photodetectors, X-ray Imaging, Radiation Detectors, Electronic Devices

**Rene Lopez (Physics and Astronomy – APS)**, Optical Materials, Photonic Structures, Photovoltaics

**Richard Superfine (APS)**, Biological Physics, Soft Matter, Biomedical Device Technologies

## Associate Professors

**Ronit Freeman (APS)**, Development of Novel Designer Materials Using Self-Assembling Biological Components

**Daphne Klotsa (APS)**, Computational Soft and Active Matter

**Zijie Yan (APS)**, Optical Trapping and Manipulation, Holography, Microfluidics, Electronic and Photonics Nanomaterials

## Assistant Professors

**Wubin Bai (APS)**, Bioelectronics, Soft Materials, Advanced Manufacturing, Microsystems, Electronic Materials, Photonic Materials, and Biomaterials

**Ehssan Nazockdast (APS)**, Modeling/Simulation of Biophysical Phenomena

**Nico Pegard (APS)**, Computational Optics, Imaging Systems, Optical Instrumentation and Digital Interfaces for Systems Biology and Neuroscience

## Teaching Associate Professor

**Richard Goldberg (APS)**, Assistive Technology, Rehabilitation Engineering, Engineering Education.

## Professor of the Practice

**Glenn Walters (APS)**, Instrumentation for Innovation, BeAM Design and Innovation Hub, Engineering Education

## Affiliated Faculty

**Michael Bakas, Program Manager Army Research Office**, Synthesis and Processing

**James Cahoon (Chemistry)**, Nanoparticle Synthesis and Characterization  
**Orlando Coronell (Environmental Sciences and Engineering)**, Wet Chemistry, Polymer Synthesis, Membrane Systems

**Boyce Griffith (Mathematics and Biomedical Engineering)**, Cardiovascular Modeling and Simulation

**Yun Li (Genetics and Biostatistics)**, Statistical Methods and Computational Tools and Applications to Genetic Dissection of Complex Diseases

**Jianping Lu (Physics)**, Nanotechnology, Carbon Nanotube X-rays, Tomosynthesis and Computed Tomography

**Gerald Meyer (Chemistry)**, Inorganic Materials, Spectroscopy, and Electrochemistry

**Cass T. Miller (Environmental Science and Engineering)**, Environmental Physics, Soft Matter, Continuum Mechanics, Applied Mathematics, Computational Science

**J. Michael Ramsey (Chemistry)**, Analytical Chemistry, Microfabricated Chemical Instrumentation, Microfluidics, Nanofluidics

**Jose Rodríguez-Romaguera (Neuroscience Center)**, Neuronal Circuits, Imaging, Optogenetics

**Edward T. Samulski (Chemistry – APS)**, Liquid Crystals and Liquid Crystal Polymers

**Alexander Tropsha (Eshelman School of Pharmacy)**, Computational Chemistry, Cheminformatics and Structural Bioinformatics

**Scott Warren (Chemistry)**, 2D Materials, Energy Storage, Solar Energy, Nanoelectronics, Supramolecular and Solid-State Chemistry for Materials Design

**Yue Wu (Physics and Astronomy)**, Water and Gas Configuration at a Nanometric Level

**Wei You (Chemistry)**, Organic and Polymer Synthesis, Organic Solar Cells, Molecular Electronics, Organic Spintronics



## Advanced Undergraduate and Graduate-level Courses

### APPL 89. First-Year Seminar: Special Topics. 3 Credits.

Special topics course. Content will vary each semester.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Grading Status:** Letter grade.

### APPL 101. Exploring Engineering. 3 Credits.

This course will explore fundamental engineering skills and the implications of engineering solutions. You will "learn how to learn" because technology changes rapidly and today's tools may soon be obsolete. The course will help you develop an entrepreneurial mindset to understand the larger context of solutions. A lot of class time is working time. For example, we will write computer programs to simulate real world systems. We will debate ethical issues associated with engineering innovations.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-NATSCI.

**Grading Status:** Letter grade.

### APPL 110. Introduction to Design and Making: Developing Your Personal Design Potential. 3 Credits.

Students work in flexible, interdisciplinary teams to assess opportunities, brainstorm, and prototype solutions. Design thinking and physical prototyping skills are developed through fast-paced, iterative exercises in a variety of contexts and environments.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-LAUNCH (only designated sections), FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

### APPL 112. Practical Electronics for Everyone. 1 Credits.

Design and fabrication for practical electronics circuits, including interfacing with sensors and actuators. Previously offered as APPL 411.

#### Rules & Requirements

**Grading Status:** Pass/Fail.

### APPL 113. LabView for Data Acquisition. 1 Credits.

The basics of data acquisition and hardware interfacing using LabVIEW graphical programming. Previously offered as APPL 413.

#### Rules & Requirements

**Grading Status:** Pass/Fail.

### APPL 114. Arduino Bootcamp: A deep introduction for beginners. 0.5 Credits.

This course is for anyone - student, researcher, hobbyist, etc. - who has an interest in getting into the world of electronics and micro-controllers. No prior experience is required. By the end of this class, you will be able to create and program simple systems that allow coordination of real-world inputs (lights, sound, motion, etc.). You will also be able to demonstrate how these systems can be used to implement complex behavior in custom-designed systems.

#### Rules & Requirements

**Grading Status:** Pass/Fail.

### APPL 115. Raspberry Pi Bootcamp. 1 Credits.

Learn how to use the premier microcontroller platform known as the Raspberry Pi (RPi)! This course is for anyone with an interest in programming, microcontrollers, and basic electronics. Prior experience with simple analog electronics (circuit-building) and the Arduino platform is recommended.

#### Rules & Requirements

**Requisites:** Prerequisite, APPL 114 or permission of instructor; APPL 112 is not a required prerequisite but is strongly encouraged.

**Grading Status:** Pass/Fail.

### APPL 116. Electronics for Measurement, Control, and the Internet of Things. 1 Credits.

This course builds on APPL 112. Students will acquire signals from sensors and send them to an Arduino or other microcontroller. Students will also learn how to develop circuits that are part of the "Internet of Things" so that they can transmit sensor readings on the Internet. Most of the class time will be hands-on activities. Previously offered as APPL 414.

#### Rules & Requirements

**Requisites:** Prerequisite, APPL 112; permission from the instructor for students lacking the prerequisite.

**Grading Status:** Pass/Fail.

### APPL 121. 3D Printing Technology and Practice. 1 Credits.

3D Printing, or additive manufacturing (AM), is used broadly from manufacturing to medical research. AM will play an increasingly large role in virtually all areas of research, industry, and commerce with new technologies and significant improvements occurring continually. The course will delve into major existing and developing technologies. We will explore design elements for AM, motion control and imaging technologies, materials performance and selection, and the physics of parts production. Previously offered as APPL 418.

#### Rules & Requirements

**Grading Status:** Pass/Fail.

### APPL 190. Special Topics in Applied Physical Sciences. 3 Credits.

Specialty topics in applied physical sciences for undergraduates.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 12 total credits. 1 total completions.

**Grading Status:** Letter grade.

**APPL 215. Design and Fabrication of Fluids Monitoring Devices. 1 Credits.**

Review of fluid mechanics including the fundamentals of pressure/flow relationships, fluid properties, and flow regimes. Students will design and create physical prototypes that demonstrate specific concepts and measure defined parameters. Students will use the BeAM makerspace network to make things that illustrate fluid device design. Class time includes exercises to reinforce concepts and a guided design activity to create a physical device. Required preparation: BeAM orientation, laser training, 3D-printer training. Previously offered as APPL 475.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**APPL 240. Developing Your Sixth Sense: Designing Sensors and Electrical Circuits to Make Measurements. 4 Credits.**

Learn how to analyze, design, and build systems. Model and understand how physical and environmental parameters of sensors work and interact with electrical circuits. Learn the basics of circuit design and analysis to amplify and "clean up" the signals with filters. Learn how to acquire these signals to a computer through data acquisition hardware and LabView software. Develop an entrepreneurial mindset to understand the economic, environmental, and ethical issues that affect your system design.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 105, 115, 117, or 119.

**Grading Status:** Letter grade.

**APPL 260. Materials Science and Engineering: Living in a Material World. 3 Credits.**

This course will be an introduction to topics in materials science and with a strong focus on materials, processing and engineering and how design plays a pivotal role in materials selection. A central theme will be in-class demonstrations and hands-on experiments so you will experience first-hand why materials do what they do and how to select the appropriate material for the right application. It's a materials world after all!

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 102, and PHYS 116 or PHYS 118; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**APPL 285. Fluid Relationships: An Intuition Building Approach to Fluid Mechanics. 3 Credits.**

Immersive treatment of concepts and methods of fluid mechanics - the study of fluids at rest and in motion. This course provides a solid grounding in the fundamentals and applications of fluid mechanics through extensive hands-on exercises. Topics include pressure, pressurized flow, gravity flow, viscous flow, boundary layers, system losses, microfluidics, and measurement techniques. Includes exposure to standard fluid appurtenances such as pumps, blowers, gauges, valves, ducts, pipes, and fittings. Previously offered as APPL 280.

**Rules & Requirements**

**Requisites:** Prerequisites, APPL 110, and PHYS 114 or 118; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**APPL 290. Special Topics in Applied Physical Sciences. 3 Credits.**

Specialty topics in applied physical sciences for undergraduates.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**APPL 295. Research in Applied Physical Sciences. 1-3 Credits.**

A research experience provides students with practical experience in a research lab, performing work that is relevant to their UNC education. The research internship will develop and enhance the students' professional skill set and involve experiences that allow students to have responsibility for results that are of value to the research laboratory.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**APPL 296. Independent Study in Applied Sciences and Engineering. 1-3 Credits.**

Through independent study, students gain practical experience in an independent project either on campus or off campus, performing work that is relevant to their studies in Applied Physical Sciences. The independent study will develop and enhance the students' professional skill set and involve experiences that enhance their entrepreneurial mindset. Students are mentored by a faculty member and others at UNC who have relevant expertise.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**APPL 350. Data Science for Applied Science and Engineering. 3 Credits.**

This course brings together mathematical, statistical, and computational methods for representing data and machine learning that are of particular interest for studying different systems across applied science and engineering. Topics will include dimensionality reduction, transforms, clustering, classification, and neural networks. Course activities will emphasize both the underlying mathematical framework and the ability to perform these data analyses in different computational environments. This class will require you to participate actively in class computations and discussion.

**Rules & Requirements**

**Grading Status:** Letter grade.

**APPL 385. Transport: Flow of Force, Matter, and Energy through the Biosphere. 4 Credits.**

Flow and movement of matter, force, and energy are ubiquitous in every aspect of life on our biosphere, from our motile cells that transfer chemical energy to motion to the flow and mixing of air and water in the atmosphere and the oceans. By studying different examples, we will see throughout the course that the flow of mass, momentum, and energy can be analyzed in a single framework known as Transport Phenomena in science.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 233.

**Grading Status:** Letter grade.

**APPL 390. Special Topics in Applied Physical Sciences. 3 Credits.**

Permission of the instructor. Advanced specialty topics in applied physical sciences for undergraduates.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**APPL 405. Convergent Engineering: Team-Science Approaches to Discovery and Innovation. 3 Credits.**

Students will participate in activities, group discussion, and problem-solving coaching to understand how chemistry, physics, materials science, and biology are applied to engineering. Topics are introduced through discussing relevant scientific literature, and guest lecturers and faculty discuss expertise in fields like mathematical modeling, mechanical engineering, or circuit design. Guest lecturers can provide new perspective on the problems so students gain an interdisciplinary view of the subject.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **APPL 412. Turning Your Entrepreneurial Ideas Into Reality. 3 Credits.**

Students will work in groups on a semester project to turn their entrepreneurial ideas into reality.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisite, APPL 110; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**APPL 420. Introduction to Polymers. 3 Credits.**

Chemical structure and nomenclature of macromolecules, synthesis of polymers, characteristic polymer properties.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 261 or 261H; pre- or corequisites, CHEM 262 or 262H, and 262L or 263L.

**Grading Status:** Letter grade.

**Same as:** CHEM 420.

**APPL 421. Synthesis of Polymers. 3 Credits.**

Synthesis and reactions of polymers; various polymerization techniques.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 251 and 262 or 262H.

**Grading Status:** Letter grade.

**Same as:** CHEM 421.

**APPL 422. Physical Chemistry of Polymers. 3 Credits.**

Polymerization and characterization of macromolecules in solution.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 420 and 481.

**Grading Status:** Letter grade.

**Same as:** CHEM 422.

**APPL 423. Intermediate Polymer Chemistry. 3 Credits.**

Polymer dynamics, networks and gels.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 422.

**Grading Status:** Letter grade.

**Same as:** CHEM 423.

**APPL 430. Optical Instrumentation for Scientists and Engineers. 3 Credits.**

This is an introduction to methods of automatic computation of specific relevance to biomedical problems. Sampling theory, analog-to-digital conversion, and digital filtering will be explored in depth. Previously offered as APPL 460.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 383.

**Grading Status:** Letter grade.

**APPL 435. Nanophotonics. 3 Credits.**

This course introduces the principles of nanophotonics - an emerging frontier at the nexus of nanotechnology and photonics that deals with light-matter interactions at the nanometer scale. The course will cover the theoretical foundations of nanoscale materials and optics, fabrication and characterization of optical nanostructures, plasmonics, nanomanipulation by optical tweezers, electrodynamic simulations, nanoscale light emitters, and applications of nanophotonics.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 117 or 119.

**Grading Status:** Letter grade.

**APPL 462. Engineering Materials: Properties, Selection and Design. 3 Credits.**

This course will cover both fundamental and applied aspects of modern materials science. We will discuss how to select materials based on their properties and how they can be processed into products that you encounter in everyday life. A strong focus will be on the relationship between processing, structure (development), and properties of solid materials, such as metals, ceramics, and polymers.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 102; or PHYS 116 or PHYS 118.

**Grading Status:** Letter grade.

**APPL 463. Bioelectronic Materials. 3 Credits.**

Developing electronic systems that can seamlessly integrate with biological systems represents a pivotal foundation for building a smart healthcare platform, advanced clinical technology, and beyond. Through multiple hands-on projects, this course will explore and discuss: 1) electronic materials, mechanisms, and designs at the biotic-abiotic interface, 2) their impacts for a wide range of applications ranging from medicine, robotics, to human augmentation, and 3) the associated ethics that aim to harmonize the development pathways.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 209 or APPL 260 or CHEM 102 and PHYS 115 or PHYS 119 and permission of the instructor.

**Grading Status:** Letter grade.

**APPL 465. Sponge Bob Square Pants and Other Soft Materials. 3 Credits.**

What kind of material is Sponge Bob made of? What about the slime of his pet snail, Gary? We are taught that there are three states of matter: solid, gas, and liquid. However, in our daily lives we encounter materials that challenge this simple description such as foams, pastes, gels, soap, and rubber. These are Soft Materials and in this course we will learn about their special properties.

**Rules & Requirements**

**Grading Status:** Letter grade.

**APPL 470. Fundamentals of Materials Science. 3 Credits.**

Crystal geometry, diffusion in solids, mechanical properties of solids, electrical conduction in solids, thermal properties of materials, phase equilibria.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 482 or PHYS 128; Pre- or corequisite, PHYS 441.

**Grading Status:** Letter grade.

**Same as:** CHEM 470.

**APPL 472. Chemistry and Physics of Electronic Materials Processing. 3 Credits.**

Permission of the instructor. A survey of materials processing and characterization used in fabricating microelectronic devices. Crystal growth, thin film deposition and etching, and microlithography.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 482 or PHYS 117 or 119.

**Grading Status:** Letter grade.

**Same as:** PHYS 472, CHEM 472.

**APPL 473. Chemistry and Physics of Surfaces. 3 Credits.**

The structural and energetic nature of surface states and sites, experimental surface measurements, reactions on surfaces including bonding to surfaces and adsorption, interfaces.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 470.

**Grading Status:** Letter grade.

**Same as:** CHEM 473.

**APPL 490. Special Topics. 1-3 Credits.**

Topics vary from semester to semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 9 total completions.

**Grading Status:** Letter grade.

**APPL 491L. Materials Laboratory I. 2 Credits.**

Structure determination and measurement of the optical, electrical, and magnetic properties of solids.

**Rules & Requirements**

**Requisites:** Prerequisites, APPL 470 and PHYS 351.

**Grading Status:** Letter grade.

**Same as:** PHYS 491L.

**APPL 492L. Materials Laboratory II. 2 Credits.**

Continuation of PHYS 491L with emphasis on low- and high-temperature behavior, the physical and chemical behavior of lattice imperfections and amorphous materials, and the nature of radiation damage.

**Rules & Requirements**

**Requisites:** Prerequisite, APPL 491L or PHYS 491L.

**Grading Status:** Letter grade.

**Same as:** PHYS 492L.

**APPL 493. Internship in Applied Physical Sciences. 3 Credits.**

An ideal internship provides students with practical experience in an organization outside of UNC, doing work that is relevant to their UNC education. The internship should develop and enhance the students' professional skill sets and involve experiences that allow students to have responsibility for results that are of value to the organization.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Academic Internship.

**Grading Status:** Letter grade.

**APPL 495. Mentored Research in Applied Physical Sciences. 3 Credits.**

Students undertake independent research with a faculty mentor.

In order to register for this class, students must submit a learning contract and research proposal for approval. At the end of the semester, students submit a final report that describes their research. Students are encouraged to present their work either internally at UNC or externally at a conference or symposium.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**APPL 496. Independent Study in Applied Physical Sciences. 1-3 Credits.**

Permission of the director of undergraduate studies is required. Independent study under a member of the applied physical sciences faculty. Approved learning contract required.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

 **APPL 520L. Polymer Chemistry Laboratory. 2 Credits.**

Various polymerization techniques and characterization methods. One four-hour laboratory each week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Pre- or corequisite, CHEM 420 or 421 or 425.

**Grading Status:** Letter grade.

**Same as:** CHEM 520L.



**APPL 573. Introductory Solid State Physics. 3 Credits.**

Crystal symmetry, types of crystalline solids; electron and mechanical waves in crystals, electrical and magnetic properties of solids, semiconductors; low temperature phenomena; imperfections in nearly perfect crystals.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 421; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** PHYS 573.

**APPL 590. Special Topics in Applied Physical Sciences. 3 Credits.**

Advanced specialty topics in applied physical sciences for undergraduates and graduates.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**APPL 690. Special Topics in Applied Physical Sciences. 3 Credits.**

Advanced specialty topics in applied physical sciences for undergraduate and graduates.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**APPL 710. Design and Making for the Researcher. 3 Credits.**

In this course intended for graduate student researchers, we will parallel the discovery process taught in APPL 110: human-centered design, needs identification, and the iterative design and prototyping process. You will learn technical areas common to research laboratories - hardware selection, gas and liquid management, material compatibilities, electronics and data acquisition. In addition to the BeAM makerspace focused skills development activities, students will work on a personal project related to their laboratory work or research topic.

**Rules & Requirements**

**Grading Status:** Letter grade.

**APPL 760L. Nanofabrication/micro-electromechanical systems (MEMS) Laboratory. 2 Credits.**

Permission of the instructor. A laboratory course covering fabrication technologies for building materials and structures in biomedical devices, electronics, MEMS, and nanomedicine. The course includes lectures on thin film deposition, etching, and photolithography and hands-on laboratories to apply knowledge and practice skills covered in the lectures.

**Rules & Requirements**

**Grading Status:** Letter grade.

## Material Science (MTSC)

### Advanced Undergraduate and Graduate-level Courses

**MTSC 615. Structure of Solids. 3 Credits.**

Crystallography, reciprocal lattices, Bloch waves, band structure, electronic wave functions, phonons, thermal expansion. Superlattice structures, including liquid crystals. Overview of properties of ceramic, amorphous, polymeric, and composite materials.

**Rules & Requirements**

**Grading Status:** Letter grade.

## Contact Information

**Department of Applied Physical Sciences**

Visit Program Website (<https://aps.unc.edu/apse-minor/>)

1129 Murray Hall, CB# 3050

(919) 843-5150

**Chair**

Theo Dingemans

tjdatunc@email.unc.edu

**Director of Undergraduate Studies**

Rich Goldberg

r.goldberg@unc.edu

**Director of Graduate Studies**

Rene Lopez

rln@email.unc.edu

## Applied Sciences and Engineering Minor

Are you interested in using technology to make a difference in the world? From big problems like global warming to focused needs in your home or community, engineering is all about solving problems. The applied sciences and engineering minor trains students with an engineering and entrepreneurial mindset. You will build on the foundation from your math and science courses, and engage in hands-on engineering applications of real-world challenges.

Join the minor to learn about materials sciences, optics, fluid mechanics, sensors, and more.

- Model and simulate systems using modern engineering tools and software
- Design and build systems for real-world applications using engineering tools in the BeAM makerspace and across campus
- Use fundamental principles in math and sciences to address applications in at least one area of engineering, such as material science, environmental engineering, instrumentation, or optics
- Communicate to a wide range of audiences in both oral and written form
- Understand the ethical and professional responsibilities of engineers
- Work within teams to design solutions and solve problems

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill

- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

## Prerequisite Courses

Code	Title	Hours
<b>Prerequisite Courses</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
Select one:		4
PHYS 114	General Physics I: For Students of the Life Sciences <sup>F</sup>	
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	
Select one:		4
PHYS 115	General Physics II: For Students of the Life Sciences <sup>F</sup>	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>1, H, F</sup>	
COMP 110	Introduction to Programming and Data Science <sup>H</sup>	3
or COMP 116	Introduction to Scientific Programming	
<b>Total Hours</b>		<b>23</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> PHYS 119 requires MATH 233 as a pre- or corequisite.

## Core Courses

The minor consists of five courses for a total of 15 credit hours.

Code	Title	Hours
<b>Core Requirements</b>		
APPL 101	Exploring Engineering	3
APPL 110	Introduction to Design and Making: Developing Your Personal Design Potential <sup>F</sup>	3
Select one course from the following list:		3-4
APPL 240	Developing Your Sixth Sense: Designing Sensors and Electrical Circuits to Make Measurements	
APPL 260	Materials Science and Engineering: Living in a Material World	


APPL 285	Fluid Relationships: An Intuition Building Approach to Fluid Mechanics	
APPL 385	Transport: Flow of Force, Matter, and Energy through the Biosphere	
PHYS 231	Physical Computing <sup>H</sup>	
ENVR 205	Engineering Tools for Environmental Problem Solving	
Select two engineering topic courses from the list below.		6
<b>Total Hours</b>		<b>15-16</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Engineering Topic Classes

Code	Title	Hours
<b>Applied Physical Sciences</b>		
APPL 350	Data Science for Applied Science and Engineering	3
APPL 405	Convergent Engineering: Team-Science Approaches to Discovery and Innovation	3
APPL 412	Turning Your Entrepreneurial Ideas Into Reality	3
APPL 430	Optical Instrumentation for Scientists and Engineers	3
APPL 435	Nanophotonics	3
APPL 462	Engineering Materials: Properties, Selection and Design	3
APPL 463	Bioelectronic Materials	3
APPL 465	Sponge Bob Square Pants and Other Soft Materials	3
APPL/CHEM 470	Fundamentals of Materials Science	3
APPL/CHEM/PHYS 472	Chemistry and Physics of Electronic Materials Processing	3
APPL 495	Mentored Research in Applied Physical Sciences	3
<b>Biology</b>		
BIOL 226	Mathematical Methods for Quantitative Biology	3
BIOL 431/ BMME 435/ PHYS 405	Biological Physics	3
BIOL 534/ MATH 564	Mathematical Modeling in the Life Sciences	3
BIOL 537	Biotechnology and Synthetic Biology	3
BIOL 551	Comparative Biomechanics	3
BIOL/MATH 553	Mathematical and Computational Models in Biology	3
BIOL 554	Introduction to Computational Neuroscience	3
<b>Chemistry</b>		
CHEM 441 & 441L	Intermediate Analytical Chemistry and Intermediate Analytical Chemistry Laboratory	5
CHEM 445	Electroanalytical Chemistry	3

CHEM 448	Mass Spectrometry	3
CHEM 449	Microfabricated Chemical Measurement Systems	3
CHEM/APPL 470	Fundamentals of Materials Science	3
CHEM/APPL/ PHYS 472	Chemistry and Physics of Electronic Materials Processing	3
<b>Computer Science</b>		
COMP 433	Mobile Computing Systems	3
COMP/PHYS 447	Quantum Computing	3
COMP 523	 Software Engineering Laboratory	4
COMP 541	Digital Logic and Computer Design	4
COMP 560	Artificial Intelligence	3
COMP 562	Introduction to Machine Learning <sup>H</sup>	3
COMP 581	Introduction to Robotics <sup>H</sup>	3
<b>Earth, Marine, and Environmental Science</b>		
EMES 415	Environmental Systems Modeling	3
EMES 560	Fluid Dynamics	3
EMES 561	Time Series and Spatial Data Analysis	3
<b>Environmental Sciences and Engineering</b>		
ENVR 451	Introduction to Environmental Modeling	3
ENVR 452/ EMES 560/ PHYS 660	Fluid Dynamics	3
ENVR 453	Groundwater Hydrology	3
ENVR/ENEC 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3
ENVR/ENEC 470	Environmental Risk Assessment	3
ENVR 671	Environmental Physics I	3
ENVR 672	Environmental Physics II	3
<b>Mathematics</b>		
MATH 347	Linear Algebra for Applications	3
MATH 528	Mathematical Methods for the Physical Sciences I	3
MATH 529	Mathematical Methods for the Physical Sciences II	3
MATH/BIOL 553	Mathematical and Computational Models in Biology	3
MATH/BIOL 534	Elements of Modern Algebra	3
MATH 566	Introduction to Numerical Analysis	3
<b>Neurosciences (restricted to NSCI minors and majors)</b>		
NSCI 421	Principles of Brain Circuits	3
NSCI 423	Neurotechnology in Modern Neuroscience Research	3
<b>Physics</b>		
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 332	Numerical Techniques for the Sciences II	4
PHYS 401	Mechanics I	3
PHYS 405/ BIOL 431/ BMME 435	Biological Physics	3
PHYS/BMME 441	Thermal Physics	3
PHYS/COMP 447	Quantum Computing	3
PHYS 461	Introduction to Medical Physics	3
PHYS/APPL/ CHEM 472	Chemistry and Physics of Electronic Materials Processing	3
PHYS 515	Optics	3

PHYS 529	Introduction to Magnetic Resonance	3
PHYS 660/ ENVR 452/ EMES 560	Fluid Dynamics	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Contact Information

### Department of Applied Physical Sciences

Visit Program Website (<https://aps.unc.edu/apse-minor/>)  
1129 Murray Hall, CB# 3050  
(919) 843-5150

### Chair

Theo Dingemans  
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### Director of Undergraduate Studies

Rich Goldberg  
r.goldberg@unc.edu

### Director of Graduate Studies

Rene Lopez  
rln@email.unc.edu

## Curriculum in Archaeology

### Introduction

The undergraduate major in archaeology focuses on the systematic study of the human past through its material remains by means of the excavation, recovery, and interpretation of artifacts and other associated evidence. Historical, environmental, and comparative components enable the examination of different culture systems through time and space, as well as the reconstruction of past lifeways and the interpretation of ancient social, political, and economic systems. The geographic scope of the program includes the Americas, Europe and the Mediterranean, Egypt, and the Near East. The educational goal of the program is to provide the student with a component of a liberal arts education that draws on both the social sciences and the humanities. It also will effectively prepare students for graduate study in anthropological archaeology, Mediterranean archaeology, museology, and historical preservation, or careers in contract archaeology and cultural resource management. Students interested in applying to graduate programs in Mediterranean or Near Eastern archaeology may need ancient language classes not required for the major. Students should consult the faculty advisor in archaeology if they have questions.

### Advising

All majors and minors have a primary academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The curriculum's director of undergraduate studies (see "Contact Information" above) works with current and prospective majors and minors by appointment. Students are encouraged to consult with the director of undergraduate studies about course choices and field work opportunities. Curriculum academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, and the

honors program may be obtained from the curriculum's website (<https://archaeology.sites.unc.edu/home/ca/>).

## Graduate School and Career Opportunities

The undergraduate curriculum in archaeology prepares majors for specialized graduate study in archaeology and cognate fields. The specific area of graduate study will depend on the fields of concentration of major, minor, and supporting coursework. Graduating majors (and double majors and minors) may pursue degree programs and careers in fields such as anthropology, Latin American studies, classical and medieval archaeology, Egyptology and ancient Near Eastern archaeology, art history, ancient history, and linguistics. Provided with a well-rounded undergraduate degree in the liberal arts, graduating students may pursue professional and graduate programs in diverse fields of the humanities and social sciences, utilizing their skills in various professions such as field archaeology (professional or contract archaeology), museology, conservation and historical preservation, cultural resource and heritage management, and teaching. Career resources as well as a list of former graduates and their careers are available on the curriculum's website (<https://archaeology.sites.unc.edu/home/ca/>).

### Major

- Archaeology Major, B.A. (p. 109)

### Minor

- Archaeology Minor (p. 111)

## Adjunct Professors

Benjamin Arbuckle, Donald C. Haggis, Jodi Magness, Patricia M. McAnany, David Mora-Marin, C. Margaret Scarry, Vincas P. Steponaitis.

## Adjunct Associate Professors

Anna Agbe-Davies, Brian Billman, Jennifer Gates-Foster, Heather Lapham, Hérica Valladares.

## Adjunct Assistant Professors

Mary Beth Fitts, Timothy Shea, Laurie Cameron Steponaitis.


## Adjunct Assistant Teaching Professors

Rachel Briggs, Douglas Smit.

## Professors Emeriti

Carole L. Crumley, R.P. Stephen Davis Jr., Dale Hutchinson, Mary C. Sturgeon.

## ARCH–Archaeology Undergraduate-level Courses

 **ARCH 393. Internship in Archaeology. 3-6 Credits.**  
Permission of the instructor and the director of undergraduate studies. Internships combine substantive work experience with an academic project.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 12 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ARCH 395. Research in Archaeology. 1-6 Credits.**

Permission of the instructor. For students who wish to participate in laboratory or field research programs. May be taken twice.

### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 12 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ARCH 396. Independent Study in Archaeology. 1-6 Credits.**

Permission of the instructor. Special reading and research in archaeology under the supervision of a selected instructor. May be taken twice.

### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 12 total credits. 2 total completions.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

 **ARCH 691H. Seniors Honors Thesis, Part 1. 3 Credits.**

First semester of senior honors thesis. Independent research under the direction of an archaeology curriculum faculty member. Permission of the instructor. Restricted to senior honors candidates.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **ARCH 692H. Senior Honors Thesis, Part 2. 3 Credits.**

Second semester of senior honors thesis. Independent research under the direction of an archaeology curriculum faculty member. Permission of the instructor. Restricted to senior honors candidates.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

### Department of Archaeology

Visit Program Website (<http://archaeology.sites.unc.edu/home/ca/>)

108 Alumni Building, CB# 3120

(919) 962-6574

### Chair

C. Margaret Scarry

**Director of Undergraduate Studies**

Jennifer Gates-Foster

gatesfos@email.unc.edu

## Archaeology Major, B.A.

The undergraduate major in archaeology focuses on the systematic study of the human past through its material remains by means of the excavation, recovery, and interpretation of artifacts and other associated evidence.

### Student Learning Outcomes

Upon completion of the archaeology program, students should be able to:







- Demonstrate knowledge of the basic principles of archaeological reasoning (the ability to analyze ancient material culture and archaeological contexts)
- Demonstrate appropriate skills of archaeological exposition
- Demonstrate proficiency in recovering and documenting a variety of forms of material culture and archaeological contexts
- Demonstrate the ability to utilize both data sets and theoretical frameworks for interpreting and reconstructing long-term human history

### Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
One course in archaeological method and theory.		3
ANTH 220	 Principles of Archaeology	
ANTH 291	 Archaeological Theory and Practice	
CLAR 411	Archaeological Field Methods	
Two courses in archaeological practice.		6-10
One must be a laboratory course:		
ANTH 410	The Identification and Analysis of Historical Artifacts	
ANTH 411	 Laboratory Methods in Archaeology <sup>H</sup>	
ANTH 413 & 413L	 Laboratory Methods: Archaeobotany and Archaeobotany Lab	
ANTH 414 & 414L	 Laboratory Methods: Human Osteology and Human Osteology Lab	
ANTH 415 & 415L	 Laboratory Methods: Zooarchaeology and Zooarchaeology Lab	

ANTH 416	 Bioarchaeology
ANTH 417 & 417L	Laboratory Methods: Lithic Seminar and Lithic Analysis Lab
ANTH 418	 Laboratory Methods: Ceramic Analysis
ANTH 425	 Public Archaeology Practicum
One must be a field school (may be satisfied with a minimum of 3 hours of transfer credit):	
ANTH 451	 Field School in North American Archaeology <sup>H</sup>
ANTH 453	Field School in South American Archaeology <sup>H</sup>
CLAR 650	Field School in Classical Archaeology
Six courses from the list below; must include offerings from at least two departments <sup>1</sup>	
ANTH 50	 First-Year Seminar: Skeletons in the Closet
ANTH/AMST 54	 First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800
ANTH 60	 First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>
ANTH 64	 First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis
ANTH 65	 First-Year Seminar: Humans and Animals: Anthropological Perspectives
ANTH 121	 Ancient Cities of the Americas
ANTH 123	 Habitat and Humanity
ANTH 144	Archaeology and the Media
ANTH 145	 Introduction to World Prehistory
ANTH 148	 Human Origins
ANTH 149	 Great Discoveries in Archaeology
ANTH 222	 Prehistoric Art
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America
ANTH 232	 Ancestral Maya Civilizations <sup>H</sup>
ANTH 233	 Archaeology of Ancient Turkey
ANTH 235	Origins of Civilization: Archaeology of the British Museum
ANTH 250	 Archaeology of North America <sup>H</sup>
ANTH 252	 Archaeology of Food
ANTH 410	The Identification and Analysis of Historical Artifacts
ANTH 411	 Laboratory Methods in Archaeology <sup>H</sup>
ANTH 412	Paleoanthropology
ANTH 413 & 413L	 Laboratory Methods: Archaeobotany and Archaeobotany Lab
ANTH 414 & 414L	 Laboratory Methods: Human Osteology and Human Osteology Lab
ANTH 415 & 415L	 Laboratory Methods: Zooarchaeology and Zooarchaeology Lab
ANTH 416	 Bioarchaeology
ANTH 417 & 417L	Laboratory Methods: Lithic Seminar and Lithic Analysis Lab

ANTH 418	 Laboratory Methods: Ceramic Analysis	CLAR 380	 Life in Ancient Pompeii
ANTH 419	Anthropological Application of GIS	CLAR 396	Independent Study in Classical Archaeology
ANTH 420	Public Archaeology	CLAR 462	Classical Greek Sculpture
ANTH/GEOL 421	Archaeological Geology	CLAR/ARTH 464	Greek Architecture
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains	CLAR/ARTH 465	 Architecture of Etruria and Rome
ANTH 425	 Public Archaeology Practicum	CLAR/ARTH 474	 Roman Sculpture
ANTH 454	The Archaeology of African Diasporas	CLAR 475	 Provinces and Frontiers of the Roman Empire
ANTH 456	Archaeology and Ethnography of Small-Scale Societies	CLAR/ARTH 476	 Roman Painting
ANTH 457	Perspectives in Historical Archaeology	CLAR 480	 Egypt after the Pharaohs
ANTH/ENEC 460	Historical Ecology	CLAR 482	Art and Archaeology of Achaemenid Persia
ANTH/FOLK 455	Ethnohistory	CLAR 488	The Archaeology of the Near East in the Iron Age
ANTH/WGST 458	 Archaeology of Sex and Gender	CLAR 489	The Archaeology of Anatolia in the Bronze and Iron Ages
ANTH 468	State Formation	CLAR 491	The Archaeology of Early Greece (1200-500 BCE)
ANTH 535	 The Archaeology of Health and Well-Being	CLAR/JWST/ RELI 512	 Ancient Synagogues
ANTH 538	Disease and Discrimination in Colonial Atlantic America	CLAR 561	Mosaics: The Art of Mosaic in Greece, Rome, and Byzantium
ANTH 550	 Archaeology of the American South	CLAS 71	 First-Year Seminar: The Architecture of Empire <sup>H</sup>
ANTH 551	Origins of Agriculture in the Ancient World	CLAS 73	 First-Year Seminar: Life in Ancient Pompeii <sup>H</sup>
ANTH 650	Reconstructing Life: Nutrition and Disease in Past Populations	ARTH 200	 Art and Fashion from Rome to Timbuktu
ANTH 651	Identity, Memory, and the Afterlife: The Space and Place of Death	ARTH 460	Greek Painting
ANTH 674	 Issues in Cultural Heritage	ARTH 482	Art and Archaeology of Achaemenid Persia
ARCH 395	Research in Archaeology	LING 558	Ancient Mayan Hieroglyphs
ARCH 396	Independent Study in Archaeology	LING 560	Mesoamerican Languages and Linguistics
CLAR 50	 First-Year Seminar: Art in the Ancient City <sup>H</sup>	LING 561	Native Languages of the Americas
CLAR 51	 First-Year Seminar: Who Owns the Past? <sup>H</sup>	RELI 63	 First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls
CLAR/JWST/ RELI 110	 The Archaeology of Palestine in the New Testament Period		
CLAR 120	 Ancient Cities <sup>H</sup>		
CLAR 190	Special Topics in Classical Archaeology		
CLAR 200	 Art and Fashion from Rome to Timbuktu		
CLAR 241	Archaeology of Ancient Near East		
CLAR 242	 Archaeology of Egypt		
CLAR 243	 Minoans and Mycenaeans: The Archaeology of Bronze Age Greece		
CLAR 244	 Greek Archaeology		
CLAR 245	Archaeology of Italy		
CLAR 247	 Roman Archaeology		
CLAR/ARTH 262	Art of Classical Greece		
CLAR/ARTH 263	Roman Art		
CLAR/RELI 375	Archaeology of Cult		

**Total Hours** **27-31**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Courses that are cross-listed count under department in which student enrolls.

### Additional Requirements

- Students are required to select courses from at least two of the participating departments (art, anthropology, classics, and religious studies).
- Students may count only three introductory archaeology courses (numbered below 200) toward their major. This restriction does not include courses used to fill electives in related fields.
- For transfer students, at least half of the coursework in the major must be completed within the curriculum at UNC–Chapel Hill.

Subject to the approval of the advisor for the major, students may count graduate seminars towards fulfillment of their major requirements. Also subject to the approval of the archaeology major advisor, field schools

sponsored by Study Abroad or other universities may be used to fulfill the archaeological practice field experience requirement.

## Special Opportunities in Archaeology

### Honors in Archaeology

Students with a grade point average of 3.3 or higher are eligible to pursue a degree with honors. A student who wishes to take this track should identify and contact a faculty thesis advisor before the end of the junior year. During the senior year the student enrolls in a two-semester course sequence, ARCH 691H and ARCH 692H, which provides the opportunity to carry out an independent research project and write a thesis under the direction of the faculty advisor. Prior to registering for the honors courses, the student and faculty mentor must fill out a contract and have it signed by the curriculum's director of undergraduate studies. The thesis is evaluated by a committee consisting of the advisor and two readers. The advisor and at least one reader must be members of the Curriculum in Archaeology's faculty. A student who successfully completes the thesis may be awarded honors or highest honors by the committee. Highest honors is awarded only in cases where the thesis is judged to be exceptional in comparison to other such works.

### Research Laboratories of Archaeology

Founded in 1939, the Research Laboratories of Archaeology (RLA) was the first center for the study of North Carolina archaeology. Serving the interests of students, scholars, and the general public, it is currently one of the leading institutes for archaeological teaching and research in the South. Located within the College of Arts and Sciences, it provides support and research opportunities for UNC–Chapel Hill students working not only in North Carolina but also throughout the Americas and overseas.

### Duke–UNC Consortium for Classical and Mediterranean Archaeology (CCMA)

The Duke–UNC Consortium for Classical and Mediterranean Archaeology represents a collaboration between the institutions in order to enhance archaeology curricula and concentrations in the respective departments and programs in archaeology. The consortium fosters an interdisciplinary dialogue on methods, theory, and practice in classical archaeology and material culture, providing students access to coursework, seminars, excavations, and other research opportunities; academic advising; and avenues for curricular and extracurricular interaction.

### Experiential Education

The development of skills and perspectives beyond the classroom is considered central to the curriculum in archaeology. Hands-on training in field archeology provides students with the basic tools not only necessary for graduate training and advanced research in archaeology, but also for careers in cultural resource and heritage management through government agencies, contract firms, and museums. Developing an understanding of context and physical environment in archaeology requires field and laboratory experiences that are impossible to teach effectively in the classroom. Excavation and laboratory experiences allow students to participate directly in faculty research and to learn firsthand important aspects of the research process. Two or more field schools in archaeology are generally offered during summer sessions through the Study Abroad Office by faculty from the departments of anthropology, classics, religious studies, and history. In addition, many faculty research associates offer laboratory experiences through independent study projects and internships. These field work and laboratory experiences are designed to enhance the classroom training, allowing students to work

as assistants to field archaeologists and specialists—such as surveyors, archaeological architects, palaeoethnobotanists, zooarchaeologists, biological anthropologists, and geomorphologists—learning firsthand various aspects of data recovery, processing, and interpretation associated with archaeological field projects.

## Department Programs

### Major

- Archaeology Major, B.A. (p. 109)

### Minor

- Archaeology Minor (p. 111)

## Contact Information

### Department of Archaeology

Visit Program Website (<http://archaeology.sites.unc.edu/home/ca/>)  
108 Alumni Building, CB# 3120  
(919) 962-6574

### Chair

C. Margaret Scarry

### Director of Undergraduate Studies

Jennifer Gates-Foster  
[gatesfos@email.unc.edu](mailto:gatesfos@email.unc.edu)

## Archaeology Minor

The minor in archaeology draws on a number of disciplines and departments—principally anthropology, classics, and art—in the study of the ancient world, the reconstruction of past lifeways, and the interpretation of ancient social, political, and economic systems.


The minor helps prepare students for graduate study in anthropological archaeology, classical archaeology, cultural resource management, and historical preservation. It also provides any student with a strong intellectual interest in archaeology with a structured introduction to this field. Students interested in the minor in archaeology may contact the director of undergraduate studies and consult the website (<http://archaeology.sites.unc.edu/home/ca/>).























## Requirements

In addition to the program requirements listed below, students must:



- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Five courses from at least two departments from the following list (no more than one of which is a field school): <sup>1, 2, 3</sup>		15-18
ANTH 50	 First-Year Seminar: Skeletons in the Closet	

ANTH/AMST 54	 First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	ANTH 535	 The Archaeology of Health and Well-Being
ANTH 64	 First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis	ANTH 550	 Archaeology of the American South
ANTH 121	 Ancient Cities of the Americas	ANTH 551	Origins of Agriculture in the Ancient World
ANTH 123	 Habitat and Humanity	ARTH 460	Greek Painting
ANTH 145	 Introduction to World Prehistory	ARTH 461	Archaic Greek Sculpture
ANTH 148	 Human Origins	ARTH 463	Hellenistic Greek Sculpture
ANTH 220	 Principles of Archaeology	CLAR 50	 First-Year Seminar: Art in the Ancient City <sup>H</sup>
ANTH 222	 Prehistoric Art	CLAR 51	 First-Year Seminar: Who Owns the Past? <sup>H</sup>
ANTH 232	 Ancestral Maya Civilizations <sup>H</sup>	CLAR/JWST/ RELI 110	 The Archaeology of Palestine in the New Testament Period
ANTH 233	 Archaeology of Ancient Turkey	CLAR 120	 Ancient Cities <sup>H</sup>
ANTH 235	Origins of Civilization: Archaeology of the British Museum	CLAR 411	Archaeological Field Methods
ANTH 250	 Archaeology of North America <sup>H</sup>	CLAR/ARTH 200	 Art and Fashion from Rome to Timbuktu
ANTH 252	 Archaeology of Food	CLAR 241	Archaeology of Ancient Near East
ANTH 291	 Archaeological Theory and Practice	CLAR/ARTH 242	 Archaeology of Egypt
ANTH 303	Native Languages of the Americas	CLAR 243	 Minoans and Mycenaeans: The Archaeology of Bronze Age Greece
ANTH 410	The Identification and Analysis of Historical Artifacts	CLAR 244	 Greek Archaeology
ANTH 412	Paleoanthropology	CLAR 245	Archaeology of Italy
ANTH 413 & 413L	 Laboratory Methods: Archaeobotany and Archaeobotany Lab	CLAR/ARTH 247	 Roman Archaeology
ANTH 414 & 414L	 Laboratory Methods: Human Osteology and Human Osteology Lab	CLAR/ARTH 262	Art of Classical Greece
ANTH 415 & 415L	 Laboratory Methods: Zooarchaeology and Zooarchaeology Lab	CLAR/ARTH 263	Roman Art
ANTH 416	 Bioarchaeology	CLAR 268	 Hellenistic Art and Archaeology (350-31 BCE)
ANTH 417 & 417L	Laboratory Methods: Lithic Seminar and Lithic Analysis Lab	CLAR 375	Archaeology of Cult
ANTH 418	 Laboratory Methods: Ceramic Analysis	CLAR 380	 Life in Ancient Pompeii
ANTH 419	Anthropological Application of GIS	CLAR 462	Classical Greek Sculpture
ANTH 420	Public Archaeology	CLAR/ARTH 464	Greek Architecture
ANTH/GEOL 421	Archaeological Geology	CLAR/ARTH 465	 Architecture of Etruria and Rome
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains	CLAR/ARTH 474	 Roman Sculpture
ANTH 425	 Public Archaeology Practicum	CLAR/ARTH 476	 Roman Painting
ANTH 451	 Field School in North American Archaeology <sup>1, H</sup>	CLAR 480	 Egypt after the Pharaohs
ANTH 453	Field School in South American Archaeology <sup>1, H</sup>	CLAR/ARTH 482	Art and Archaeology of Achaemenid Persia
ANTH 454	The Archaeology of African Diasporas	CLAR 488	The Archaeology of the Near East in the Iron Age
ANTH 456	Archaeology and Ethnography of Small-Scale Societies	CLAR 489	The Archaeology of Anatolia in the Bronze and Iron Ages
ANTH 457	Perspectives in Historical Archaeology	CLAR 491	The Archaeology of Early Greece (1200-500 BCE)
ANTH/WGST 458	 Archaeology of Sex and Gender	CLAR/JWST/ RELI 512	 Ancient Synagogues
ANTH/ENEC 460	Historical Ecology	CLAR 561	Mosaics: The Art of Mosaic in Greece, Rome, and Byzantium
ANTH 468	State Formation	CLAR 650	Field School in Classical Archaeology <sup>1</sup>
		CLAS 71	 First-Year Seminar: The Architecture of Empire <sup>H</sup>



CLAS 73	 First-Year Seminar: Life in Ancient Pompeii <sup>H</sup>
LING 558	Ancient Mayan Hieroglyphs
LING 560	Mesoamerican Languages and Linguistics
LING 561	Native Languages of the Americas
RELI 63	 First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls
<b>Total Hours</b>	<b>15-18</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> No more than one field school course may be used for the minor.

<sup>2</sup> Three of the courses must be numbered 200 or above.

<sup>3</sup> Courses must come from at least two different departments.

See program page here (p. 111) for special opportunities.

## Department Programs

### Major

- Archaeology Major, B.A. (p. 109)

### Minor

- Archaeology Minor (p. 111)

## Contact Information

### Department of Archaeology

Visit Program Website (<http://archaeology.sites.unc.edu/home/ca/>)  
108 Alumni Building, CB# 3120  
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### Chair

C. Margaret Scarry

### Director of Undergraduate Studies

Jennifer Gates-Foster  
gatesfos@email.unc.edu

## Department of Art and Art History

### Introduction

The Department of Art and Art History at UNC–Chapel Hill fosters exchange among creative endeavor, scholarly investigation, and bold expression, through faculty research, graduate student training, undergraduate programs, and public events. The department aims to be an integral part of the University community dedicated to free inquiry that is pursued through both the arts and sciences and expressed in objects, images and text.

Through an innovative and rigorous curriculum, students learn the critical skills of creative problem solving and self-expression. The undergraduate programs aim to help students articulate their individual perspectives on values and beliefs while discovering their places in a society that is increasingly shaped by visual communications, technology, and globalization. To do so, students develop their creative and scholarly vision and the technical skills to express that vision through their works of art and writing. The highly rated graduate programs in art history and studio art promote these ideals on an advanced level, and have proven

their effectiveness through the post-graduate placement and national awards that students receive.

- **Mission:** Make | Frame | Reveal
- **Vision:** Thinking and Creating across Boundaries
- **Values:** The curiosity, empathy, and courage to engage diverse perspectives

As a department, we are committed to working closely with our students and to guiding them in developing an individual voice. We cultivate exchange between studio art and art history and offer maximum flexibility within our individual programs.

Majors and minors in art history become acquainted with the historical significance, cultural diversity, and intellectual richness of human artistic traditions, enabling students to investigate the complex roles played by the arts in a variety of social contexts.

The studio art program offers three different degree programs for majors as well as a minor, and each encourages experimentation, crossing boundaries, and hybrid processes as well as engaging the history and traditions of art. Through directed practice and creative research, faculty work closely with students to stimulate aesthetic and intellectual inquiry, impart portable skills, and motivate self-exploration to help students create outstanding works of art.

Students may choose from a range of studio coursework designed to develop both skills and a personal creative vision. Students develop two critical skills: the means of self-expression and techniques for creative thinking. While the undergraduate program focuses on the fine arts, the course of study nonetheless offers a sound foundation for students to move into art education, design fields, and other art-related careers as well as preparation for further study or careers in the fine arts.

## Credit by Examination

### Art History

Students who pass the Advanced Placement (AP) examination in art history and earn a score of 3 will receive credit for ARTH 152.

### Studio Art

The Studio Art program awards placement only (PL) for work done in the Advanced Placement (AP) and International Baccalaureate (IB) programs. Students who pass the AP portfolio exam for 2-D Design, 3-D Design or Drawing with a score of 4 or 5 receive placement for ARTS 102, ARTS 103, or ARTS 104 respectively. Students earning a score of 6 or higher on the IB portfolio receive placement for ARTS 104. Placement effectively means that students can waive ARTS 102, 103 or 104 prerequisites.

### Advanced Placement by Portfolio Review

Students who score a 3 on AP portfolios or 5 on the IB may petition for a portfolio review to determine if they can waive ARTS 102 or ARTS 104 requirements. In addition to these threshold scores, art majors who have broad experience in visual art may petition to waive some prerequisites by submitting a portfolio for review. If the review is successful, students receive placement only. Students then substitute any other ARTS coursework to satisfy the total credit hours required in the major. Portfolio requirements are modeled after the College Board Advanced Placement portfolios. These guidelines are available from the director of undergraduate studies in studio art, the student services specialist, or on the art majors' Sakai site. Portfolios are reviewed annually in September only. Contact the director of

undergraduate studies in studio art at the beginning of the fall semester to make arrangements for submitting a portfolio.

## Advising

### Two Advisors

All majors and minors have two advisors; a primary academic advisor in the Academic Advising Program (<https://advising.unc.edu/>) and departmental advisors for program-specific planning. Students are strongly encouraged to meet regularly with both advisors and review their Tar Heel Tracker each semester. The undergraduate advisors in art history and studio art work with current and prospective majors and minors by appointment. On request, art history majors may be assigned an individual faculty advisor. Departmental academic advising is particularly important for those majors who are considering honors thesis work or graduate school.

### Information, Announcements, and Sessions

If in any semester curricular opportunities or changes are relevant to all majors and minors in either programmatic area of the department, students receive an advisory announcement with relevant details via the art and art history majors' listserv. When issues are larger than can be accommodated by electronic communication, general advising sessions are scheduled prior to registration. Students are strongly encouraged to attend such sessions since questions of collective relevance often arise. Basic details are also posted on the majors' Sakai site.

Additionally, special information sessions are held periodically to guide students on awards, study abroad, internships, and research opportunities (especially the Summer Undergraduate Research Fellowships). These sessions are announced via the majors' listserv and on the majors' Sakai site, as well as by posters in the Hanes Art Center and Art Lab.

## Course Enrollment and Audit Policies

### Studio Art

During the fall and spring semester registration periods, enrollment in studio art (ARTS) courses is temporarily restricted to students who have declared a major or minor in studio art to ensure that the students can graduate in a timely manner. Students who are not part of the studio art program will have the opportunity to enroll only when the restriction period has ended — no exceptions. Please refer to the "Notes" section in ConnectCarolina ARTS course listings to determine restriction dates established by the department. Major and minor enrollment restrictions do not apply to the following types of ARTS courses: Honors, Carolina Courses Online, or First-Year Seminars.

Unfortunately, ARTS courses cannot be audited by current students or members of the community. This is due to the participatory nature of studio courses and finite resources, which includes classroom space and potential safety hazards associated with overcrowding. Prospective auditors are encouraged to audit art history courses with instructor consent.

## Facilities

### Classrooms and Studios

The department possesses outstanding facilities for the teaching of both art history and studio art in the Hanes Art Center. The building houses state-of-the-art facilities for image projection required in art history. Specialized classrooms for art practice include large studios for painting,

drawing, and mixed media. A dedicated space is available for installation projects. The John C. Henry Printmaking Studio is a wonderfully spacious 3,325-square-foot laboratory providing ambient workspace for a variety of printmaking processes. Studios for photography include both darkroom (black and white) and digital photography and a dedicated shooting studio. The digital laboratories at UNC—Chapel Hill are Mac-based, with the most current software needed for work in photography (including large-scale output), video, and digital/electronic media. UNC also provides access to the entire Adobe Creative Suite for all students. Students enrolled in studio art classes have 24-hour access to these laboratories. In addition, the 17,686-square-foot Art Lab, located 1.8 miles north of the Hanes Art Center (108 Airport Drive), houses the department's sculpture and ceramic facilities.

In addition to the departmental classroom spaces, the Hanes Art Center also houses one of the BeAM (Be A Maker) makerspaces at UNC. The BeAM space at Hanes is equipped with a variety of hand tools and some wonderful high-tech machines including a vinyl cutter, 3-D printers, a laser cutter, and a CNC router. All of this is provided at no charge to students.

### Libraries

Department of Art and Art History resources also include the Joseph C. Sloane Art Library with its collection of 100,000 volumes, which is supplemented by the University's academic affairs libraries, with holdings of more than six million volumes. The department also has a Visual Resources Library, which oversees almost 300,000 slides and digital images for use in teaching and research.

### Exhibition Spaces

The John and June Allcott Galleries in the Hanes Art Center are sites for numerous exhibitions throughout the year. The main gallery has an exhibition schedule of 12 to 15 shows each year, showing work by professional artists, faculty, and students. For a large portion of the spring semester, this gallery is dedicated to M.F.A. thesis exhibitions. The John and June Allcott Undergraduate Gallery is the exhibition space designed especially for work produced or chosen by undergraduate students. Both galleries are periodically used as an incubator space by the Curatorial Practices class where students explore concepts and logistics of curating exhibitions. The Hanes Art Center also houses the SAMple gallery. This space run by the Studio Art Majors Association (SAMA) to showcase work by SAMA members.

The Alumni Sculpture Garden occupies the grounds surrounding the Hanes Art Center. Temporary exhibitions of sculpture are commissioned by the department and are on display for a two-year period. Commissions are awarded annually to undergraduate and graduate students.

The Ackland Art Museum is located adjacent to the Hanes Art Center. The Ackland's programming regularly augments the educational experience of the University community.

### Majors

- Art History Major, B.A. (p. 132)
- Studio Art Major, B.A. (p. 136)
- Studio Art Major, Bachelor of Fine Arts (B.F.A.) (p. 139)

### Minors

- Art History Minor (p. 142)
- Studio Art Minor (p. 143)

## Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Professors

Christoph Brachmann, S. Elizabeth Grabowski, Sabine Gruffat, Jim Hirschfield, Annette Lawrence, Carol Magee, Yun-Dong Nam, Victoria Rovine, Daniel J. Sherman, Hong-An Truong.

## Associate Professors

John Bowles, Maggie Cao, Eduardo Douglas, Cary Levine, Mario Marzán, Roxana Pérez-Méndez, Tatiana String, Lyneise Williams, Lien Truong.

## Assistant Professors

Kathryn Desplanque, Martín Wannam.

## Teaching Associate Professor

Joy Drury Cox.

## Teaching Assistant Professor

Jennifer J. Bauer.

## Adjunct Associate Professor

Hérica Valladares (Classics).

## Adjunct Assistant Professors

Carolyn Allmendinger (Ackland Art Museum), Dana Cowen (Ackland Art Museum), Timothy Shea (Classics).

## Adjunct Professor of the Practice

Elizabeth Manekin (Ackland Art Museum).

## Professors Emeriti

Jaroslav T. Folda, Arthur Marks, Jerry Noe, Mary Pardo, Marvin Saltzman, Mary C. Sturgeon, Dorothy Verkerk.

## ARTH—Art History

### Undergraduate-level Courses

 **ARTH 51. First-Year Seminar: Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450). 3 Credits.**


The seminar explores Gothic church and secular art and architecture in France and Europe between c. 1130 and c.1450. It focuses not only on the formal and artistic progresses in architecture, sculpture, and stained glass windows during this period, but also on the social, political, and economic aspects of medieval society that affected these developments.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

 **ARTH 54. First-Year Seminar: Art, War, and Revolution. 3 Credits.**


Focusing on one or two works of art per week in a variety of media, this course explores the complex relationship between art, war, and conflict in the modern world. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

 **ARTH 55. First-Year Seminar: Art, Gender, and Power in Early Modern Europe. 3 Credits.**

This first-year seminar introduces students to some of the issues related to representations of western European men and women in the period 1400-1700. Portraits, mythological and biblical imagery, and even architecture will be studied for their attention to gender. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

 **ARTH 59. First-Year Seminar: World's Fairs. 3 Credits.**


This first-year seminar focuses on the constructed images of the modern American city. We have selected six U.S. World's Fairs between 1893 and 1965 (1884 World Cotton Centennial, New Orleans; 1893 World's Colombian Exposition, Chicago; 1904 Louisiana Purchase Exposition, Saint Louis; 1939 New York World's Fair, New York City; 1962 Seattle World's Fair; 1964/1965 New York World's Fair). By examining them in detail, we can follow shifts in conceptions of cities (and the world).

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**Same as:** PLAN 59.

 **ARTH 61. First-Year Seminar: African American Art of the Carolinas. 3 Credits.**

This course explores the visual arts created by African Americans living and working in the Carolinas from the era of plantation slavery through the 20th century.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH, RESEARCH.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

 **ARTH 64. First-Year Seminar: Picturing Nature. 3 Credits.**

This seminar focuses on how the collecting and study of natural and aesthetic wonders shaped ideas about knowledge in the arts and sciences.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**ARTH 66. First-Year Seminar: Art, Money, and the Market. 3 Credits.**

This seminar explores the complex relationship between art and economy in the age of capitalism, focusing on artworks that interpret market activities and address the subject of economic value.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 85. First-Year Seminar: Art and Technology. 3 Credits.**

This course examines the relationships between the history of technology and artistic practice. Our conception of "technology" is broad, extending beyond mere tools to include a host of apparatuses and their relationships to perception, experience, representation, and communication. This course will explore the impacts of technological innovation on society and culture, and vice versa, along with the ways in which artists have addressed, responded to, and critiqued technological progress and invention.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 89. First-Year Seminar: Special Topics. 3 Credits.**

Content varies by semester. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**ARTH 111. Art and Death. 3 Credits.**

The course covers medieval/early modern artifacts connected to the phenomenon of death as well as the diversity of donations for individual commemoration in Europe. It will explore the social, political, and economic aspects of the societies that affected these phenomena. Invited speakers will open up the perspective to other cultures and time periods.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**ARTH 112. The Art of Animals: Africa and Beyond. 3 Credits.**

This class views the relationship between humans and animals through works of art. Drawing examples from cultures across the world, we address animals as symbols of leadership, beauty, and extraordinary powers. Elephants, leopards, spiders, and dogs of all kinds, along with many other mammals, reptiles, birds, and insects will be studied.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARTH 113. Art and Sports in the Americas. 3 Credits.**

Representations of sports tell us a lot about artistic, historic, and contemporary Latin America, the Caribbean, and the United States. This course focuses on depictions of sports in these regions and the varied meanings they communicate.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**ARTH 150. The Visual World. 3 Credits.**

The visual world surrounds us in print and moving images, in virtual realities and in physical space. This course gives students the tools to analyze, research, and historicize images and objects. How does the visual domain inform our understanding of the world around us? How do they shape culture, knowledge, and identity? Each week, key concerns of the present from technology to climate change are explored through art and artifacts of the past. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTH 151. History of Western Art I. 3 Credits.**

This is the first semester of a two-semester survey that is designed to acquaint the beginning student with the historical development of art and with the offerings and instructors of the art history faculty. ARTH 151 covers ancient, medieval, and early Renaissance periods. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**ARTH 152. Art in Life: An Introduction to Western Art from the Renaissance to the Modern Period. 3 Credits.**

This is the second semester of the two-semester survey course including Western art and visual culture from the Renaissance to the modern period. ARTH 151 is not a prerequisite for ARTH 152. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 155. African Art Survey. 3 Credits.**

A selective survey of sub-Saharan African art (sculpture, painting, architecture, performance, personal decoration) in myriad social contexts (ceremony, politics, royalty, domestic arenas, cross-cultural exchanges, colonialism, postcolonialism, the international art world).

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARTH 156. Introduction to Architecture. 3 Credits.**

What is architecture? What does it do? This course is designed to encourage students to consider architecture less as something technical, existing in a separate sphere from everyday life, but as social space.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

**ARTH 159. The Film Experience: Introduction to the Visual Study of Film. 3 Credits.**

A critical and historical introduction to film from a visual arts perspective. The course surveys the history of film from its inception to the present, drawing upon both foreign and American traditions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTH 160. Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica. 3 Credits.**

This course introduces the art, architecture, and cultures of Pre-Hispanic Mesoamerica, from the rise of Mesoamerica's first high civilization in the second millennium BCE to the defeat of the Aztec Empire in 1521 CE. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** VP, BN, WB.

**Grading Status:** Letter grade.

**ARTH 161. Introduction to American Art. 3 Credits.**

This course surveys American art, architecture, and material culture from early European exploration of the Americas to the 1960s. Previously offered as ARTH 261.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 200. Art and Fashion from Rome to Timbuktu. 3 Credits.**

In the Roman Empire and in contemporary Africa, clothing reflects local symbolic systems and global trade networks. Rome is imagined as the source of Western culture, and Africa evokes distant exoticism; this course will complicate such conceptions. Through fashion we explore political, economic, and religious systems, as well as creativity.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**Same as:** CLAR 200.

**ARTH 201. Making Material Histories: A Makerspace Course. 3 Credits.**

This course explores the history and technology of materials from wood and glass to steel and plastic in art, culture, and science. Students will engage with materials both through hands-on fabrication at BeAM and through researching historical debates surrounding material invention and use by artists, scientists, and industries.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, EE- Field Work.

**Grading Status:** Letter grade.

**ARTH 210. The Visual Culture of News, Past and Present. 3 Credits.**

Focusing on Western news production from early modernity to the present, this class considers the news as a visual object, examining the different formats and media of news, the design of the page/pamphlet/screen, the way images are incorporated, and the relationship of all of this to written text.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**ARTH 241. Art and Archaeology of the Ancient Near East. 3 Credits.**

A survey of the cultures of the ancient Near East, Mesopotamia, Anatolia (modern Turkey), and the Levant, from the first settled villages of the ninth millennium to the Persian conquest of Babylon in 539 BCE.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** CLAR 241.

**ARTH 242. Egyptian Art and Archaeology. 3 Credits.**

A survey of the archaeological remains of ancient Egypt, from the earliest settlements of the Neolithic period until the end of the New Kingdom.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** CLAR 242.

**ARTH 244. Greek Art and Archaeology. 3 Credits.**

The historical development of the art and architecture of Greece from the Bronze Age through the Hellenistic period.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CLAR 244.

**ARTH 247. Roman Art and Archaeology. 3 Credits.**

This course explores the archaeology of the Roman world between the eighth century BCE and the fifth century CE, focusing on issues of urbanization, trade and consumption, colonization, and the Roman army.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CLAR 247.

**ARTH 250. Objects, Museums, and Meanings. 3 Credits.**

This course explores objects and meaning in the context of museums. How does one "read" an object? What do works of art communicate on their own, and how do a series of decisions - made by individuals and institutions - shape how we understand them? Through museum visits, object-based learning and research, readings, and discussion, this course will consider how objects, and their collection and display, shape our understanding of the world around us. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, EE- Field Work.

**Grading Status:** Letter grade.

**ARTH 253. Art History in Motion: Looking, Hearing, Sensing. 3 Credits.**

This class investigates bringing awareness to the way we move and our sensorial experiences as vital complements to other methodological approaches to art historical interpretation. It does so through an examination of a variety of artworks in their historical contexts, different movement explorations, and analysis of interpretative methods. Attending both to art and ourselves in this way, we can question, challenge, and expand the ways in which we know the world.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**ARTH 254. Women in the Visual Arts I. 3 Credits.**

This course analyzes the role of women in Western art as art producers and consumers of art and looks at how women have been represented.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 254.

**ARTH 255. African Art and Culture. 3 Credits.**

This course explores the art and culture of sub-Saharan Africa on the levels of both production and consumption both locally and globally.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARTH 264. Medieval Art in Western Europe. 3 Credits.**

Survey of major developments in painting and sculpture in Europe during the Latin Middle Ages (300-1400 CE).

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 265. Medieval Iconography. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. Understanding the meaning of medieval art by examining the iconography of selected important works. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ARTH 267. Latin American Modernisms. 3 Credits.**

This course focuses on the relationship between the national and international and art and politics within Latin American modernist movements from ca. 1900 to 1960.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Grading Status:** Letter grade.

**ARTH 268. Hellenistic Art and Archaeology (350-31 BCE). 3 Credits.**

Survey of the archaeology of the Hellenistic Mediterranean from the time of Alexander the Great until the Roman conquest (350-31 BCE), with emphasis on art and architecture of cities and sanctuaries.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CLAR 268.

**ARTH 269. Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450). 3 Credits.**

This course covers the development of Gothic church and secular architecture in Europe between 1130 and 1500. It explores the formal and constructive progress in architecture (including its decoration: sculpture, stained glass windows) as well as the social, political, and economic aspects of medieval society that affected these developments.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**ARTH 272. Northern European Art: Van Eyck to Bruegel. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. Survey of painting and sculpture ca. 1400-1600 in the Netherlands-Belgium (Flanders) and Holland-as well as France and England.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Grading Status:** Letter grade.

**ARTH 274. European Baroque Art. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course examines 17th-century art and architecture in Europe.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA, WB.

**Grading Status:** Letter grade.

**ARTH 275. 18th-Century Art. 3 Credits.**

An introductory survey of 18th century European visual culture, from painting and sculpture to art markets and the decorative arts. This class works closely with art objects in person at the Ackland Museum of Art and Wilson Special Collections. Central themes in the class include Europe's relationship to the world, the sociology of the art world, and how art objects are made.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**ARTH 277. Art and Architecture of Viceregal Latin America. 3 Credits.**

This course surveys the art and architecture of Hispanophone and Lusophone America of the Viceregal period (1492-ca. 1810).

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN, WB.

**Grading Status:** Letter grade.

**ARTH 279. The Arts in England, 1450-1650. 3 Credits.**

This course explores the visual culture of England during the reigns of the Tudors and Stuarts. This will include portraits of Henry VIII, Elizabeth I, and Charles I by artists such as Holbein, Van Dyck, and Rubens, royal palaces, printed books, tomb monuments, heraldry, spectacles, as well as portraits of the middle classes. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**ARTH 280. Picture That: History of Photography from Tintypes to Instagram. 3 Credits.**

This course presents a select history of photography from its invention to its most recent manifestations. Global in its orientation, this course is designed thematically rather than chronologically to develop dialogues between places and ideas.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN, CI.

**Grading Status:** Letter grade.

**ARTH 281. Art of Exchange and Exploration: Early America and the Globe. 3 Credits.**

This course offers a transnational look at American visual culture. It considers the encounters, exchanges, and circulations of art, artists, and ideas across boundaries and oceans from the colonial eighteenth century to the Civil War.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 282. Modernism I: Realism, Impressionism, Post-Impressionism. 3 Credits.**

The development of European art from 1850 to 1905, with an emphasis on French avant-garde movements including realism and impressionism, as well as international movements such as symbolism and art nouveau.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 283. Picturing Paris: 1800-2000. 3 Credits.**

This class explores the cultural, political, and artistic circumstances in which images of Paris have been made and viewed, as well as various visual technologies that have disseminated and marketed.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**ARTH 284. Modernism II: 1905-1960. 3 Credits.**

Major figures, movements, and themes of modernism from cubism and the emergence of abstraction to the transfer of artistic energy and innovation to the United States after World War II.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 285. Art Since 1960. 3 Credits.**

This course will explore major trends in Western art since 1960. It focuses on key contemporary movements and their relations to social, cultural and political contexts. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 287. African American Art Survey. 3 Credits.**

An introduction to African American art and artists and their social contexts from early slavery.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** AAAD 237.

**ARTH 290. Special Topics in Art History. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. Selected topics in art history.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ARTH 291. Art, Culture, and Power in Africa. 3 Credits.**

This course explores how power operates through objects in Africa, including royal regalia, objects used in healing and other ritual contexts, and African art as commodity in international markets.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARTH 293. Art History Practicum. 3 Credits.**

Students complete an internship in an art history related field. Students will gain practical knowledge of the practice of art history. Studio majors may use this course to fulfill an art history requirement by pursuing faculty-approved, nonpaid internships working in nonprofit or commercial art sectors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** VP, EE- Academic Internship.

**Grading Status:** Letter grade.

**ARTH 294. Arts of Southern Africa. 3 Credits.**

This course focuses on a wide range of regions, time periods, and genres in the visual arts in southern Africa, including archaeological materials, arts associated with longstanding indigenous cultures, art that reflects the often violent encounter with European cultures, and contemporary arts that are produced in the region today.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARTH 297. Clothing and Textiles in Africa. 3 Credits.**

This class explores how dress reveals information about African aesthetics, culture, and history, including its roles in political systems, religious worship, fashion trends, and other aspects of social life.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARTH 299. Arts of West Africa. 3 Credits.**

This course addresses the roles of art in the lives of West Africans who make and use it, spanning centuries of African creativity from archaeological sites to 21st-century artists.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARTH 300. Art of African Independence. 3 Credits.**

This course focuses on African art produced in the mid-twentieth century. It promotes comparative analysis around themes of modernity, nationalism, independence, identity, and the role of the artist in society.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**ARTH 302. Fashioning Identities. 3 Credits.**

This course examines fashion and the political, social, and cultural discourses, conditions, and institutional formations used in the creation of varied social and personal identities.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTH 303. Art and Colonialism: France in Africa/Africa in France. 3 Credits.**

Art elucidates French and African experiences of colonial rule, as a record of political transformations and a tool for resistance and the assertion of local cultures.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARTH 304. Islam and African Art. 3 Credits.**

People everywhere use works of art to facilitate worship, to depict spirits, and to celebrate their beliefs. Islam, a major religion in Africa, is no exception. This course focuses on Islam in African visual arts.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARTH 310. From Charlemagne to Bauhaus: German Art and Architecture from the Middle Ages to Modern Time. 3 Credits.**

The course focuses on art and architecture in the German-speaking countries (Germany, Switzerland, Austria and in regions formerly belonging to the historical Holy Roman Empire) from Charlemagne in the eighth century to the Bauhaus in the 1920s and beyond. It studies the artistic developments and exchanges with neighboring countries (such as France, Italy, etc.) over the centuries and discusses them in the relevant historical and political contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**ARTH 330. Art, History, and the Modern Museum. 3 Credits.**

Focusing on art, history, and ethnography museums in Europe and North America, this course considers the emergence and development of museums as powerful social and cultural institutions from the mid-18th century to the 21st century. A variety of perspectives on museums showcase their connections to larger political and cultural trends.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 320.



**ARTH 353. Africa and Masks. 3 Credits.**

Examines the production, circulation, and consumption of masks in both African and non-African contexts. Expands, nuances, and sometimes undoes our notions of mask, masquerade, and masking.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN, CI.

**Grading Status:** Letter grade.

**Same as:** AAAD 319, ANTH 343.

**ARTH 360. The Art of Dying Well: Death and Commemoration in the Middle Ages and Early Modern Times. 3 Credits.**

Covers medieval and early modern artifacts and monuments connected with death as well as the diversity of donations for individual commemoration. Explores the social, political, and economic aspects of medieval/early modern society that affected these developments and phenomena.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**ARTH 361. Saints in Medieval Art. 3 Credits.**

This course will explore the modes in which saints and issues related to sainthood are visualized in medieval art.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**ARTH 365. Late Medieval Art. 3 Credits.**

This course explores the art of the late medieval period in Byzantium and the Latin West.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**ARTH 368. The Renaissance Portrait. 3 Credits.**

This course focuses on European portraits produced in the period c. 1400-1600. Through careful study of specific paintings, prints, and sculptures, by artists such as Leonardo da Vinci, Michelangelo, and Albrecht Dürer, we will explore different ways of interpreting portraiture in the Renaissance, addressing issues of identity, reception, and function.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**ARTH 369. European Art and Sexuality. 3 Credits.**

Between 1400 and 1600, major European artists (Hieronymus Bosch, Leonardo da Vinci, Michelangelo, Titian, Dürer) made radical contributions to the representation of the sexual body. This course will use Northern European and Italian art as a lens for investigating Early Modern approaches to the figuration of sexuality and gender.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 370. Visual Art in the Age of Revolution. 3 Credits.**

This course examines the visual culture that participated in revolutions in Europe and the world from circa 1770 to 1850.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 380. Life and Art in Ancient Pompeii. 3 Credits.**

In this course we will explore the history and archaeology of Pompeii with the goal of better understanding daily life in the early Roman empire. The course proceeds topically, moving from an exploration of the city's public spaces to an analysis of more private domains—houses, gardens, and tombs. We will also consider evidence from ancient literature and epigraphy. Students may not receive credit for both CLAR 380 and CLAS 73.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** CLAR 380.

**ARTH 383. Modern Architecture. 3 Credits.**

Required preparation, any introductory art history course or permission of the instructor. This course will examine the history of architecture from the late 19th century to the present.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 385. Pop Art and Its Legacy. 3 Credits.**

This course will investigate what is commonly termed "pop art." We will examine the various issues at stake in the appropriation of mass media imagery and techniques, the diversity within the movement, the different arguments surrounding particular artists and artworks, and pop art's continuing legacy in work by contemporary artists.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 387. 20th-Century African American Art. 3 Credits.**

Focus on the historical development of African American art from the Harlem Renaissance of early 20th century through the Black Arts Movement and Feminist Art Movement 1960s and early 1970s.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**Same as:** AAAD 330.

**ARTH 390. Special Topics in Art History. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Selected topics in art history.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **ARTH 391. Undergraduate Research Seminar. 3 Credits.**

This is the capstone course for art history majors. Required preparation, art history major and junior standing or permission of the instructor. The field and theme of the course change according to the instructor's area of expertise. The seminar introduces students to research in art history and involves an original research project culminating in a substantial research paper.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH, RESEARCH.

**Making Connections Gen Ed:** VP.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ARTH 396. Directed Readings in Art History. 1-3 Credits.**

Permission of the instructor. Independent study under the direction of a faculty member.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.


**Advanced Undergraduate and Graduate-level Courses****ARTH 400. German and Netherlandish Renaissance. 3 Credits.**

The course focuses on a crucial period of German and Netherlandish art around 1500, referred to as the so-called Age of Dürer, which still shows influences of Gothic art but also of new Italian Renaissance. Often based on artifacts of the Ackland Art Museum, case studies explore the interaction of artists and patrons in important art centers of the time.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

 **ARTH 401. Seen, Unseen, and Suggested: Representation and Hollywood Film Censorship. 3 Credits.**

This course will look at the history of film censorship in the United States from the perspective of how such things as the Production Code (Hays Code), wartime restrictions, Anti-communist blacklisting, regional and local censorship boards (for example, Southern Baptist Ministers prior to 1968), late 1960s movements for social change, and culturally and socially-determined moral and ethical standards restricted what could and could not be seen on movie screens in American theaters.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Grading Status:** Letter grade.

**ARTH 445. The Mexican Mural Renaissance, 1921-1945. 3 Credits.**

This course investigates mural painting and state patronage in post-Revolutionary Mexico, from 1921 to 1945, when artists engaged politics in monumental public works. Focuses on the murals of Diego Rivera, José Clemente Orozco, and David Alfaro Siqueiros, as well as on the relationship between art and politics.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

 **ARTH 446. The Invention of the Modern Artist. 3 Credits.**

This class examines the invention of the idea of the artist in the Western world, starting in Early Modernity and ending with the present. We consider the evolution of the artist's social status, the representation of the artist in a variety of media, shifting expectations for artistic training and community, the relationship between the artist and the art market, and different definitions of artistic genius or excellence in art making.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH, RESEARCH, COMMBEYOND.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTH 450. The City as Monument. 3 Credits.**

A city or cities will be considered as cultural artifact(s), with emphasis given to plans and planning, architecture, public monuments and to various institutions, such as religion, government, the arts, and commerce that initiate or affect these urban developments and forms. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTH 451. Women in the Visual Arts II. 3 Credits.**

Discussion of topics related to the representation of women in Western art and/or women as producers of art.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** WGST 451.

**ARTH 452. Brazilian Modernism. 3 Credits.**

This course covers the development of modernism in the visual arts in Brazil from 1917, the year in which a Brazilian artist first exhibited "modernist" artworks in Brazil, to 1960.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

 **ARTH 453. Africa in the American Imagination. 3 Credits.**

Examines the ways African art appears in United States popular culture (advertisements, magazines, toys, films, art) to generate meanings about Africa. Addresses intersecting issues of nationalism, multiculturalism, imperialism, nostalgia, and race. Restricted to sophomores, juniors, and seniors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**Same as:** AAAD 486.

**ARTH 454. Cathedrals, Abbeys, Castles: Gothic Art and Architecture, ca.1130-1500. 3 Credits.**

Covers the development of Gothic church and secular architecture in Europe between 1130 and 1500. Explores formal and constructive progress in architecture (including sculpture and stained glass windows) and social, political, and economic aspects of medieval society that affected these developments.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTH 455. City, Architecture, Art: Nuremberg as a European Artistic Center,1300-1600. 3 Credits.**

The course covers the development of art and architecture from ca. 1300 to ca. 1600 in one of the most important medieval and early modern art centers in Europe: Nuremberg, the hometown of the famous German painter Albrecht Dürer (1471-1528).

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTH 151; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ARTH 457. Studies in the History of Graphic Art. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Study of prints and printmaking in Western art from ca. 1400 to the present focusing on selected topics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Grading Status:** Letter grade.

**ARTH 461. Greek Sculpture. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A focused study of sculpture in Ancient Greece.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** CLAR 461.

**ARTH 464. Greek Architecture. 3 Credits.**

A survey of Greek architectural development from the Dark Ages through the fourth century BCE. Special topics include the beginnings of monumental architecture, the development of the orders, and interpretations of individual architects in terms of style and proportions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Requisites:** Prerequisite, CLAR 244; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** CLAR 464.

**ARTH 465. Roman Architecture. 3 Credits.**

The development of architecture in the Roman world from the ninth century BCE through the fourth century CE. The course focuses on the development of urbanism and the function, significance, and evolution of the main building types and their geographic distribution.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA, WB.

**Requisites:** Prerequisite, CLAR 245, CLAR 247, or CLAR/ARTH 263; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** CLAR 465.

**ARTH 466. History of the Illuminated Book. 3 Credits.**

Chronological survey of major developments in book painting during the European Middle Ages from 300 to 1450 CE.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ARTH 469. Art of the Aztec Empire. 3 Credits.**

This course provides a comprehensive introduction to the art of the Aztec Empire, including architecture, monumental sculpture, small-scale sculpture, ceramics, painting, lapidary work, gold work, and feather work.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Grading Status:** Letter grade.

**ARTH 471. Northern European Art of the 14th and 15th Centuries. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Advanced study of painting and sculpture in France, England, and the Netherlands, 1300 to 1400.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ARTH 472. Early Modern Art, 1400-1750. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. This course explores specialized themes and/or broad topics in Western European art of the early modern period. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ARTH 473. Early Modern and Modern Decorative Arts. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. This course traces major historical developments in the decorative and applied arts, landscape design, and material culture of Western society from the Renaissance to the present.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 474. Roman Sculpture. 3 Credits.**

Survey of Roman sculpture (200 BCE-300 CE), including portraiture, state reliefs, funerary monuments, and idealizing sculpture, with emphasis on style, iconography, and historical development of sculpture in its sociocultural, political, and religious contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** VP, WB.

**Requisites:** Prerequisite, CLAR 245, CLAR 247 or CLAR/ARTH 263; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** CLAR 474.

**ARTH 476. Roman Painting. 3 Credits.**

Surveys Roman painting from 200 BCE to 300 CE, with emphasis on style, iconography, historical development of painting in its sociocultural, political, and religious contexts. Treats current debates in scholarship.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, WB.

**Requisites:** Prerequisite, any CLAR or ARTH course at the 200-level or higher (preferably CLAR 245, CLAR 247, or CLAR/ARTH 263); permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** CLAR 476.

**ARTH 482. Art and Archaeology of Achaemenid Persia. 3 Credits.**

This course will examine the history and material culture of the ancient state known as the Achaemenid Persian Empire through ancient texts and archaeological sources. Beginning in the sixth century BCE, this ancient superpower ruled a vast and culturally diverse empire that stretched from Northern Libya to central Asia. Through an examination of key sites, objects, and texts we will explore the history and diversity of this multicultural empire.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**Same as:** CLAR 482.

**ARTH 484. Culture on the Move: Art, Empire, and Restitution since 1800. 3 Credits.**

This discussion-based course examines the systems of value that confer special status on the broad category of cultural property, then explores a number of case studies of art theft and restitution since the early 19th century, with an emphasis on art theft during World War II and that undertaken under the aegis of European colonialism.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 468.

**ARTH 485. Art of the Harlem Renaissance. 3 Credits.**

Examines the Harlem Renaissance (1918-1942) as an instance of both transnational modernism and cultural nationalism through study of how artworks articulate interrelated conceptions of race, gender, sexuality, and social class.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, CI, US.

**Grading Status:** Letter grade.

**ARTH 488. Contemporary African Art. 3 Credits.**

Examines modern and contemporary African art (1940s to the present) for Africans on the continent and abroad. Examines tradition, cultural heritage, colonialism, postcolonialism, local versus global, nationalism, gender, identity, diaspora.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** BN, GL.

**Requisites:** Prerequisite, AAAD 101 or ARTH 152 or 155; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** AAAD 405.

**ARTH 490. Special Topics in Art History. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Selected topics in art history.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ARTH 514. Monuments and Memory. 3 Credits.**

Explores the role of monuments in the formation of cultural memory and identity, both nationally and globally. Topics include the construction of identities in and through public spaces, commemoration of both singular individuals and ordinary citizens, and the appearance of new types of post-traumatic monuments in the 20th century.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 514.

**ARTH 551. Introduction to Museum Studies. 3 Credits.**

Introduces careers in museums and other cultural institutions. Readings and interactions with museum professionals expose participants to curation, collection management, conservation, exhibition design, administration, publication, educational programming, and fundraising.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** .

**Making Connections Gen Ed:** VP, EE- Field Work, EE- Mentored Research, NA.

**Grading Status:** Letter grade.

**ARTH 553. The Body in Social Theory and Visual Representation. 3 Credits.**

A study of how the human body has been represented in contemporary art and the relation of those representations to theories of the individual and society.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ARTH 555. Urban Africa and Global Mobility. 3 Credits.**

The contemporary arts of Africa are framed by urbanization and global mobility. This course examines how artists examine, reflect on, and express visually experiences of these conditions.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, CI, GL.

**Grading Status:** Letter grade.

**ARTH 557. Art and Money. 3 Credits.**

This course explores intersection of art and economics from the 18th century to the present through themes such as value, markets, counterfeiting, and circulation. It examines money as a visual artifact and artworks that engage with monetary questions in the context of art history and Western economic theory.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 583. Theories of Modern Art. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A study of theoretical issues central to the understanding of trends in modern art (e.g., modernism, the avant-garde, formalism originality).

**Rules & Requirements**

**Grading Status:** Letter grade.

**ARTH 586. Cultural Politics in Contemporary Art. 3 Credits.**

Permission of the instructor. This course will examine strategies of critique in contemporary art. Organized thematically, it focuses on the tactics employed by artists who address political, social, or cultural issues through their work.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ARTH 588. Current Issues in Art. 3 Credits.**

Addresses select issues that have gained or re-gained prominence in today's art world, for example globalization, training, the market, and the nature of the "contemporary."

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ARTH 592. History and Theory of Museums. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. Provides an historical overview of museums. Serves as an introduction to many of the theoretical issues museums face including: ethics, audiences, the role of museums in society, exhibiting dilemmas.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Grading Status:** Letter grade.

**ARTH 595. Experience in Research. 1-3 Credits.**

Required preparation, one 100-level art history course and one 200- to 399-level art history course. An experiential learning opportunity in independent and original research on a topic or in a field of the student's choosing under the close direction of a faculty supervisor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** VP, EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ARTH 691H. Honors in Art History. 3 Credits.**

Permission of the instructor. Independent research directed by a faculty member leading to an honors thesis.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ARTH 692H. Honors in Art History. 3 Credits.**

Permission of the instructor. Independent research directed by a faculty member leading to an honors thesis.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.


**Grading Status:** Letter grade.

**ARTS–Studio Art**


Registration for the studio art foundation courses (ARTS 102, ARTS 103, and ARTS 106) is limited to studio art majors and minors during the first part of the preregistration period. Remaining spaces are made available to nonmajors during the registration period for first-year students. Because the department gives this preference to studio art majors, nonmajors, undeclared students, or continuing study students often find it difficult to enroll in these courses. Individuals seriously considering a studio art major and experiencing such difficulty should see the undergraduate advisor for studio art. We reserve a small number of spaces for such students. Students may be asked to demonstrate a commitment to studio art with some examples of artwork. Students are also encouraged to contact instructors directly to secure a position on a waiting list.


In general, studio art courses are numbered to reflect media areas in the last digit. Painting courses end in 2, sculpture 3, drawing 4, photography 5, digital media 6, mixed media 7, and printmaking 8.

## Undergraduate-level Courses


 **ARTS 50. First-Year Seminar: The Artistic Temperament. 3 Credits.**  
Class examines how to advance and sustain artistic production, focusing not only on being a successful artist, but also on the importance of creativity and hard work in any successful venture. Honors version available.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-CREATE.  
**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.


 **ARTS 59. First-Year Seminar: Time, A Doorway to Visual Expression. 3 Credits.**  
This class will study one of the lesser considered, but most intriguing, visual components: the element of time.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-CREATE.  
**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.


 **ARTS 75. First-Year Seminar: Stories in Sight: The Narrative Image. 3 Credits.**  
This class looks at the theory and practice of telling stories through photographs.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.


 **ARTS 78. First-Year Seminar: The Visual Culture of Photography. 3 Credits.**  
This course will investigate how photography is inextricably entwined in our lives and histories.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.


 **ARTS 82. First-Year Seminar: Please Save This: Exploring Personal Histories through Visual Language. 3 Credits.**  
This class will investigate the idea of personal histories in visual art. As a studio class, the course will be organized around several art making projects. As a catalyst to our own art making, we will explore the idea of personal history and memory through readings, as well as looking at contemporary artists whose work functions in an autobiographical framework.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-CREATE.  
**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.

 **ARTS 89. First-Year Seminar: Special Topics. 3 Credits.**  
Content varies by semester.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.


**ARTS 102. Two-Dimensional Design. 3 Credits.**  
Studio course investigates concepts and strategies of two-dimensional image making. Introduces design elements of visual language (line, shape, value, texture, color). Considers the cultural codes that accompany visual information and how they combine with organizational structures to determine a variety of effects, influence responses, and inform meaning. Foundation requirement for studio majors.


### Rules & Requirements

**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.


 **ARTS 103. Sculpture I. 3 Credits.**  
Studio course introduces concepts and strategies of working in three dimensions. Project-based coursework develops understanding of ideation process and creative problem solving. Ideas about sculpture are further expanded by considering works by contemporary artists. Students develop aesthetic sensibility, analytical capacity, and fundamental skills in sculptural media. Foundation requirement for studio majors.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.  
**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.


 **ARTS 104. Drawing I. 3 Credits.**  
Working out of an observational tradition, this course provides an introduction to the concepts and techniques of drawing. Paying attention to both representation and interpretation, the course is designed to develop fundamental skills, aesthetic sensibility, analytical capacity, and creative problem-solving in two-dimensional media.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-CREATE.  
**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.


 **ARTS 105. Photography I. 3 Credits.**  
Focusing on creative digital photography, this course provides an introduction to the concepts and techniques of digital imagery and lens-based media. Includes methods of interpretation, analysis of images, scanning, retouching, color correction, basic composition, and inkjet printing. Honors version available.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.  
**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.

 **ARTS 106. Video I. 3 Credits.**  
This foundation course introduces concepts and techniques of temporal art making. Through projects designed to develop an understanding of the creative language unique to digital media, students will learn various software programs and basic digital strategies to realize time-based works of art. Foundation requirement for studio majors.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-CREATE.  
**Making Connections Gen Ed:** VP.  
**Grading Status:** Letter grade.

**ARTS 115. Darkroom Photography I. 3 Credits.**

Introduction to black and white photography in the darkroom through photograms, pinhole, and SLR cameras, processing film, and making gelatin silver prints. Concepts are developed through making, reading and writing, engaging with established and historical artists, and critiquing peers' work. B&W process and aesthetic is approached as tradition, genre, abstraction.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTS 116. Introduction to Web Media. 3 Credits.**

Basic computer skills required. This course investigates the emergence of Web, interactive, and mobile technologies as artistic tools, communication technologies, and cultural phenomena. Students will design and produce interactive Web sites. The course covers principles of Web-based programming and design via HTML and CSS.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTS 132. Collage: Strategies for Thinking and Making. 3 Credits.**

Collage is both an artistic technique and a way of thinking. Even though its historical roots stem from the early 20th century, it is an image-construction strategy that is almost ubiquitous today. Using a variety of conceptual and media approaches, this course explores strategies of collage in contemporary studio practice.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTS 202. Painting I. 3 Credits.**

Recommended preparation, ARTS 104. This course will introduce the fundamentals of painting and various painting techniques through studio lab activity, lectures, demonstrations, and discussions. The course intends to guide students through developing their technical, formal, conceptual, and creative sensibilities to the painting process.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTS 205. Photography II. 3 Credits.**

Continuation of ARTS 105 with continued focus on advanced creative digital photography techniques.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 105.

**Grading Status:** Letter grade.

**ARTS 206. Video II. 3 Credits.**

In this intermediate-level class students expand on video production strategies and concepts such as lighting theory, location sound recording, montage, and sound design while developing individual and collaborative processes for moving image production.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Requisites:** Prerequisite, ARTS 106; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ARTS 208. Print I. 3 Credits.**

Introduction to four basic approaches to printmaking: intaglio, relief, planographic, and stencil processes. Students will explore creative strategies unique to the printed process.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTS 209. 2D Animation. 3 Credits.**

This class explores several techniques of 2D character animation, including storyboarding and conceptualizing, pencil testing and timing animation, animating simple sequences with Photoshop, experimenting with coloring and materials under a film camera, and compositing in After Effects.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 104.

**Grading Status:** Letter grade.

**ARTS 213. Ceramic I. 3 Credits.**

An investigation of clay as a medium; developing technical skills, aesthetic awareness, and historical perspective.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTS 214. Life Drawing. 3 Credits.**

Through the study of anatomy and observation of the human form, students develop the ability to create powerful, realistic figure drawings. Fundamental skills and concepts include expressive use of line, value, weight, and volume plus classical techniques in shading, gesture, sighting, and composition.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 104; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ARTS 215. Darkroom Photography II. 3 Credits.**

Continuation of ARTS 115 with advanced focus on conceptual topics and techniques of black and white analog photography. This course will provide students with proficiency in the operation of medium and large format cameras and advanced printing techniques. Concepts are developed through making, reading and writing, engaging with established and historical artists, and critiquing peers' work.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 115.

**Grading Status:** Letter grade.

**ARTS 221. Color: Theory and Concept. 3 Credits.**

This course explores the intricacies of color theory with regard to perception, systems, and application in visual art. Further, the course considers color as subject and concept in contemporary art. Previously offered as ARTS 121.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTS 222. New Technologies and Narrative Painting. 3 Credits.**

This studio course will focus on immersing students in the culturally rich practice of narrative painting, and emphasize integrating BeAM space technology and equipment in the conceptual and creative process.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ARTS 233. Wood Sculpture. 3 Credits.**

This class examines wood sculpture from both a technical and intuitive perspective. Students are taught woodworking skills and are then encouraged to use these skills to discover their creative potential.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Grading Status:** Letter grade.

**ARTS 238. Screen Printing. 3 Credits.**

Recommended preparation, ARTS 104 and/or ARTS 105. An intermediate studio course focused on creating stencil-based print images. Students explore a range of technical approaches and will investigate art making concepts specific to screen printing as well as the intersections of screen printing with other two-dimensional art forms.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 102; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ARTS 243. Metal Sculpture. 3 Credits.**

This class examines metal sculpture from both a technical and intuitive perspective. Students are taught metalworking skills and are then encouraged to use these skills to discover their creative potential.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Grading Status:** Letter grade.

**ARTS 274. Landscapes of the Camino. 3 Credits.**

This course engages students in an artistic investigation of the landscapes along the Camino de Santiago pilgrimage route. Using the path as a metaphor, the class will explore journaling as a way to document, while traversing the diverse topographical terrain of this ancient path. The journey envelops many ancient and medieval histories and perceptions of the path, documenting our experiences and experimenting with various artistic strategies. Study abroad only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-PAST, HI-ABROAD.

**Grading Status:** Letter grade.

**ARTS 290. Special Topics in Studio Art. 3 Credits.**

Required preparation, any introductory studio art course or permission of the instructor. Selected topics in studio art .

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ARTS 302. Painting II. 3 Credits.**

This course aims to continue guiding painting students through developing sensibilities to paint handling, color, composition, and spatial design, with an emphasis on experimentation. Students will develop their work in context to themes that are significant in painting history, relevant to contemporary art, and their personal lens.

**Rules & Requirements**

**Requisites:** Prerequisite, ARTS 202.

**Grading Status:** Letter grade.

**ARTS 309. 3D Animation. 3 Credits.**

The primary goals of this class are to introduce students to three-dimensional computer modeling and animation in Maya. While the particular focus of the class is 3D character animation and most students will produce a short 3D animation as their final project, students may also explore a broad range of creative applications and avenues for development, including special effects, compositing with video, and motion graphics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisite, ARTS 209.

**Grading Status:** Letter grade.

**ARTS 313. Ceramic II. 3 Credits.**

Continuation of ARTS 213.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 213.

**Grading Status:** Letter grade.



**ARTS 322. Narrative Painting. 3 Credits.**

Students will explore themes in the vast history of narrative paintings by researching and responding to these themes, and create narrative paintings through their own personal lens. We will explore topics of the genre, from historical works, to how contemporary artists are interpreting and creating narratives that mirror the diverse spectrum of identities, materials, and histories in our lifetime.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Requisites:** Prerequisite, ARTS 202.

**Grading Status:** Letter grade.

**ARTS 324. Drawing II. 3 Credits.**

This class builds on predominantly perceptually based concepts of basic drawing and introduces abstraction, interpretive, and conceptual drawing strategies. Class assignments develop understanding of the language of drawing and provide a foundation that aims to support independent investigation and personal approaches to drawing's unique capabilities.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 104.

**Grading Status:** Letter grade.

**ARTS 343. MAKE: Art in the (New) Age. 3 Credits.**

Suggested preparation, ARTS 103. This course examines the connecting trajectories of artistic and technological developments from early modernism to the contemporary. While addressing the interconnected nature of technology, technique, craft and art, students will work with our new technologies (Laser and Vinyl Cutter, 3D Printer, etc.) to create 3D work.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP, EE- Mentored Research.

**Grading Status:** Letter grade.

**ARTS 352. Abstract Painting. 3 Credits.**

This studio course will explore the vast visual language of abstract painting. Students will examine abstraction through creating paintings within a historical, visual, and cultural framework, and acquire context about the emergence and persistence of painted abstraction.

**Rules & Requirements**

**Requisites:** Prerequisite, ARTS 202.

**Grading Status:** Letter grade.

**ARTS 353. Phantasmagoria: Haunted Art, History, and Installation. 3 Credits.**

This course will be organized around four art making/art building projects, culminating in a class presentation of a multimedia phantasmagoria. Students will research early light/shadow, pre-cinema techniques, hauntings/horror and artists whose work is influenced by these tropes. We will work with Maker's Spaces to produce components for this course. Previously offered as ARTS 253.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Grading Status:** Letter grade.

**ARTS 354. Narrative Drawing. 3 Credits.**

How does one tell a story in the form of a drawing? This class will investigate narrative composition as a genre using diverse and analytical methods in drawing. From life drawing sessions to exercises in diverse environments and public events.

**Rules & Requirements**

**Requisites:** Prerequisite, ARTS 104.

**Grading Status:** Letter grade.

**ARTS 355. The Practice of Representation: Portraiture in Photography. 3 Credits.**

This course examines the practical and theoretical issues of portraiture. Students will learn technical skills and conceptual strategies to engage with issues of representation and notions of identity. We will explore the history of the photographic portraiture as well as work of contemporary portrait artists working in a post-modern age.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 105.

**Grading Status:** Letter grade.

**ARTS 358. Letterpress. 3 Credits.**

This class explores the concepts and craft of letterpress printing. Technical skills include typesetting, linoleum carving, and digital interfaces for making image and text matrices. Projects explore the special relationship of image and word and are designed around specific text/image forms: broadside, poster, portfolio, and book.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 208.

**Grading Status:** Letter grade.

**ARTS 363. At the Radical Edge of Life: Art, Space, and Ecology. 3 Credits.**


Art at the Edge of Life: Art, Space, and Ecology is a course organized around 2-3 art making/art building projects, culminating in a class presentation of a final public art installation. Part seminar and part studio, students will research early ecology, sustainability, green movements and artists whose work is influenced by these tropes. We will work with BeAM and with experts in the field to find solutions for the issues that we face today.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **ARTS 364. The Walking Seminar: A Territorial Investigation. 3 Credits.**

Recommended preparation, ARTS 104. This seminar engages students in a territorial investigation of the North Carolina landscape. Meandering through the landscape we will explore different art mediums while simultaneously fostering an appreciation for the natural environment. Through hiking and backpacking students will foster a means for understanding their location and documenting their experience.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, EE- Field Work.

**Grading Status:** Letter grade.

**ARTS 368. Print II. 3 Credits.**

This course continues an investigation of print techniques and concepts. Projects develop an understanding of print strategies, focusing on the affordances of processes unique to printmaking. This approach positions traditional techniques as a point of departure for seeking an expanded definition of printmaking.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 208.

**Grading Status:** Letter grade.

 **ARTS 373. Art, Rites and Rituals of Pilgrimage. 3 Credits.**

This course is an introduction to the culture, history and contemporary context of pilgrimage and the Camino de Santiago through the lens of performance art and other embodied aesthetic experiences. Several performative projects form the core of the coursework with the Camino de Santiago-specifically, the Camino Francés, becomes the site and our studio for both cultural and artistic purposes.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH, HI-ABROAD.

**Making Connections Gen Ed:** VP, EE- Study Abroad, EE- Performing Arts, GL.

**Grading Status:** Letter grade.

 **ARTS 383. States of Change. 3 Credits.**

This course will investigate the idea of a lived practice. As a class in studio arts, the course is organized around several perspectives on what it means to be rooted in social engagement. As a catalyst to our own art making and understanding of our mediums and fields, we will explore the proximity of art and social action and the utility of social engagement through service-learning projects set in the global landscape.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Grading Status:** Letter grade.

**ARTS 390. Special Topics in Studio Art. 3 Credits.**

Required preparation, any intermediate studio art course or permission of the instructor. Selected topics in studio art.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses**

**ARTS 402. Advanced Painting Projects. 3 Credits.**

This course focuses on the historically rich practice of painting, and is designed to guide the advanced painting student through the research, conceptual, aesthetic, and technical components of a comprehensive studio practice, and developing and maintaining a studio work ethic.

**Rules & Requirements**

**Requisites:** Prerequisite, ARTS 302, 322, or 352; permission of the instructor for students lacking the prerequisite.


**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **ARTS 409. Art and Science: Merging Printmaking and Biology. 3 Credits.**

This class explores the intersection of two disciplines, art and science. Research skills intrinsic to both include curiosity, close observation, experimentation, and visual analysis. Organized around printmaking projects informed by specific topics in biology, students adapt theory and practical skills from both disciplines to create artworks using several printmaking techniques. Permission of the instructors. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Requisites:** Prerequisites, a 200-level BIOL course or a 200-level ARTS course, and permission of the instructor; Corequisite, BIOL 409L.

**Grading Status:** Letter grade.

 **ARTS 410. Public Art. 3 Credits.**

This studio class explores public art from historical and critical perspective. Students will propose and create works of public art. Opportunities to implement projects will be explored through the Department of Art and other resources.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Requisites:** Prerequisite, ARTS 302, 303, or 305; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ARTS 413. Advanced Ceramic Projects. 3 Credits.**

Continuation of ARTS 313. May be repeated for credit.

**Rules & Requirements**

**Requisites:** Prerequisite, ARTS 313; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ARTS 415. Conceptual-Experimental Photography. 3 Credits.**

An advanced photography course for students interested in contemporary photographic practices, critical theory, art history, and experimental processes: theory and practice, formal and conceptual investigations, and historical and contemporary strategies will all be given equal attention.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ARTS 416. Advanced Video. 3 Credits.**

An introduction to the creative and technical processes in producing video art. Students will shoot and edit their own independent video projects. Some class time will be devoted to viewing video art and other media-based work.

**Rules & Requirements**

**Requisites:** Prerequisite, ARTS 106, ARTS 206; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ARTS 417. Advanced Mixed Media Projects. 3 Credits.**

Cultural production and practice, theory, and criticism. Pursuit of individual visual projects, formally and conceptually, through theoretical, poetic, art historical, and autobiographical texts, critiques, collaboration, and discussion using all media.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ARTS 418. Advanced Printmaking. 3 Credits.**

This course is appropriate for students who have had a minimum of three semesters of prior printmaking experience. Students submit a proposal outlining technical and artistic goals for the semester.

**Rules & Requirements**

**Requisites:** Prerequisites, ARTS 208 and any two of ARTS 238, 338, or 348; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ARTS 428. Book Art. 3 Credits.**

Required preparation, one additional two-dimensional studio course (drawing, photography, or printmaking). Defining the book as a "multiple and sequential picture plane," this course considers a range of traditional approaches and conceptual departures of the book as a format for creative expression.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, ARTS 102.

**Grading Status:** Letter grade.

 **ARTS 458. Photo Printmaking. 3 Credits.**

This course combines a technical approach (making printing matrices using photographic processes) with a conceptual framework (the photographic "voice" and its interpretation in printmaking). Artmaking projects explore salient ideas such as appropriation versus capture, documentation, truth-telling and fabrication, or narrative invention using specific technical processes such as photogravure and cyanotype.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Requisites:** Prerequisites, ARTS 105 and 208; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ARTS 490. Advanced Special Topics in Studio Art. 3 Credits.**

Required preparation, any intermediate studio art course or permission of the instructor. Advanced consideration of selected topics in studio art.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **ARTS 493. Studio Art Practicum or Internship. 3 Credits.**

Required preparation, 15 hours ARTS courses. Allows studio art majors to pursue unpaid practicums or internships for credit. Examples include working as a studio assistant or working in art-related fields, such as galleries, design firms, architectural firms, and nonprofit arts organizations. Work undertaken must comply with Federal criteria governing unpaid internships. Departmental approval required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Grading Status:** Letter grade.

**ARTS 515. Advanced Topics in Photography. 3 Credits.**

May be repeated for credit.

**Rules & Requirements**

**Requisites:** Prerequisite, ARTS 305; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.


**ARTS 596. Independent Study in Studio Art. 1-4 Credits.**

Permission of the instructor. For students wishing to pursue additional media or thematic study beyond the advanced level. Students register with section numbers designated for faculty. May be repeated for credit.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **ARTS 657. Movie Making Machines: Learning About Cinema in the Maker Space. 3 Credits.**

This projects-based seminar will introduce students to the fundamental optical and technological principles of motion pictures. By using the Maker Space to design and fabricate pinhole cameras, zoetropes, and 16mm film strips, students will gain a deep understanding of the material and technological foundations of the cinema, and the operating principles that are behind not only the classic films of Hollywood's past, but the high-definition digital imaging technologies of the present.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisite, ARTS 105, 106, 209, or COMM 130; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** COMM 657.

**ARTS 690. Advanced Topics in Studio Art. 3 Credits.**

Required preparation, any intermediate studio art course or permission of the instructor. Selected topics in studio art.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 3 total credits. 1 total completions.

**Grading Status:** Letter grade.

 **ARTS 691H. Senior Honors Thesis Project in Studio Art. 3 Credits.**

Permission of the department. ARTS 691H is designed to enable studio art majors to pursue serious and substantial work. In addition to working with the instructor of record for ARTS 499/691H, students work under the supervision of an individual thesis advisor and committee.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **ARTS 692H. Senior Honors Thesis Project in Studio Art. 3 Credits.**

ARTS 692H is taught concurrently with and by the instructor for ARTS 500. In addition to the classroom component, students continue to work with an individual thesis advisor and committee. Successful completion of ARTS 692H allows students to graduate with honors or highest honors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, ARTS 691H.

**Grading Status:** Letter grade.

## Contact Information

**Department of Art and Art History**

Visit Program Website (<http://art.unc.edu>)

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**Student Services Specialist**

David Rashidi

darashid@unc.edu

## Art History Major, B.A.

The undergraduate program in art history is directed toward two main educational goals:

1. to provide students with an excellent liberal arts foundation through an understanding of the historical and global significance, cultural diversity, and intellectual richness of human artistic traditions from prehistoric times to the present; and

2. to provide these students with the intellectual tools needed to investigate the complex roles played by the arts in a variety of social contexts.

Skills in visual analysis, historical research, critical reading, analytical and descriptive writing, and oral communication are developed throughout the course of the study. The practice of art history is interdisciplinary, dynamically engaged with many fields in the humanities and social sciences, as well as with the University's diverse area studies programs and the Ackland Art Museum. The art history major equips students with skills, knowledge, and values to negotiate rapidly changing, richly diverse, and increasingly interconnected local, national, and worldwide communities.

## Student Learning Outcomes

Upon completion of the art history program, students should be able to:


- Demonstrate knowledge of the works of art, artists, viewers, and patrons in a variety of cultures and societies; and the visual arts in the context of the past and present societies that produced them
- Recognize that visual forms and symbols are historically and culturally contingent, and that interpretation requires a knowledge of the visual language specific to the work of art, as a result of studying the arts in a variety of cultures and historical moments
- Pose an art historical question, pursue that question through research in original and secondary sources, evaluate evidence, and create an argument in response to that evidence
- Demonstrate deep content area knowledge by explaining and discussing intelligently major issues related to that field

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).







Code	Title	Hours
<b>Core Requirements</b>		
Two art history foundation courses from ARTH 100 to ARTH 200		6
Nine ARTH courses above 200, apportioned in the following way <sup>1</sup>		27
At least one course from each of the three geographic areas (see course lists below)		
At least one course from each of the three chronological periods (see course lists below)		
At least three courses must be numbered above 399		
ARTH 391	 Undergraduate Research Seminar <sup>2</sup>	3
<b>Total Hours</b>		<b>36</b>

<sup>1</sup> A first-year seminar taught by an art history faculty member may substitute for one art history course numbered between 201 and 399.

Students may also substitute an ARTS (Studio Art) course for one art history course numbered between 201 and 399.




<sup>2</sup> The Undergraduate Research Seminar is offered in three chronological topic areas. It is strongly recommended that students take this seminar no later than the spring of their junior year. The department schedules ARTH 391 every other year, but occasionally the schedule is disrupted. If ARTH 391 has not been offered during a student's junior or senior year in the major, the student may satisfy the requirement with an ARTH course numbered above 399 in addition to the three required as part the nine ARTH courses above 200.





## Distribution Course List—The Americas (AA)





Code	Title	Hours
<b>1300–1800 (II)</b>		
ARTH 254	Women in the Visual Arts I	
ARTH 277	 Art and Architecture of Viceregal Latin America	
ARTH 469	 Art of the Aztec Empire	
<b>1800–Present (III)</b>		
ARTH 61	 First-Year Seminar: African American Art of the Carolinas	
ARTH 66	 First-Year Seminar: Art, Money, and the Market	
ARTH 267	 Latin American Modernisms	
ARTH 281	 Art of Exchange and Exploration: Early America and the Globe	
ARTH 285	 Art Since 1960 <sup>H</sup>	
ARTH 287	 African American Art Survey	
ARTH 302	 Fashioning Identities	
ARTH 383	 Modern Architecture	
ARTH 385	Pop Art and Its Legacy	
ARTH 387	 20th-Century African American Art	
ARTH 445	The Mexican Mural Renaissance, 1921-1945	
ARTH 452	Brazilian Modernism	
ARTH 485	 Art of the Harlem Renaissance	
ARTH 551	 Introduction to Museum Studies	
ARTH 557	 Art and Money	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Distribution Course List—Europe and the Mediterranean (EM)



Code	Title	Hours
<b>Prehistoric–1300 (I)</b>		
ARTH 51	 First-Year Seminar: Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450)	
ARTH 242	 Egyptian Art and Archaeology	
ARTH 247	 Roman Art and Archaeology	
ARTH 264	Medieval Art in Western Europe	
ARTH 265	Medieval Iconography <sup>H</sup>	

ARTH 268	 Hellenistic Art and Archaeology (350-31 BCE)
ARTH 269	Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450)
ARTH 361	Saints in Medieval Art
ARTH 454	Cathedrals, Abbeys, Castles: Gothic Art and Architecture, ca.1130-1500
ARTH 482	Art and Archaeology of Achaemenid Persia
ARTH 464	Greek Architecture
ARTH 465	 Roman Architecture
ARTH 466	History of the Illuminated Book
ARTH 474	 Roman Sculpture
ARTH 476	 Roman Painting

<b>1300–1800 (II)</b>	
ARTH 55	 First-Year Seminar: Art, Gender, and Power in Early Modern Europe <sup>H</sup>
ARTH 272	 Northern European Art: Van Eyck to Bruegel
ARTH 274	 European Baroque Art
ARTH 275	 18th-Century Art
ARTH 279	 The Arts in England, 1450-1650 <sup>H</sup>
ARTH 330	 Art, History, and the Modern Museum
ARTH 365	Late Medieval Art
ARTH 368	 The Renaissance Portrait
ARTH 370	 Visual Art in the Age of Revolution
ARTH 400	German and Netherlandish Renaissance
ARTH 450	The City as Monument <sup>H</sup>
ARTH 455	City, Architecture, Art: Nuremberg as a European Artistic Center,1300-1600
ARTH 471	Northern European Art of the 14th and 15th Centuries
ARTH 472	Early Modern Art, 1400-1750 <sup>H</sup>






<b>1800–Present (III)</b>	
ARTH 54	 First-Year Seminar: Art, War, and Revolution <sup>H</sup>
ARTH 282	 Modernism I: Realism, Impressionism, Post-Impressionism
ARTH 283	 Picturing Paris: 1800-2000
ARTH 284	 Modernism II: 1905-1960
ARTH 473	 Early Modern and Modern Decorative Arts
ARTH 514	 Monuments and Memory

### No Chronological Classification







ARTH 360	 The Art of Dying Well: Death and Commemoration in the Middle Ages and Early Modern Times
ARTH 457	 Studies in the History of Graphic Art

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Distribution Course List–Africa (AF)

Code	Title	Hours
<b>1800–Present (III)</b>		
ARTH 255	African Art and Culture	
ARTH 291	Art, Culture, and Power in Africa	
ARTH 294	Arts of Southern Africa	
ARTH 297	 Clothing and Textiles in Africa	
ARTH 299	 Arts of West Africa	
ARTH 300	Art of African Independence	
ARTH 303	 Art and Colonialism: France in Africa/Africa in France	
ARTH 304	Islam and African Art	
ARTH 353	Africa and Masks	
ARTH 453	 Africa in the American Imagination	
ARTH 488	 Contemporary African Art	
ARTH 555	Urban Africa and Global Mobility	

## Distribution Course List–Other

Code	Title	Hours
<b>1800–Present (III)</b>		
ARTH 59	 First-Year Seminar: World's Fairs	
ARTH 64	 First-Year Seminar: Picturing Nature	
ARTH 85	 First-Year Seminar: Art and Technology	
ARTH 201	 Making Material Histories: A Makerspace Course	
ARTH 250	Objects, Museums, and Meanings <sup>H</sup>	
ARTH 280	Picture That: History of Photography from Tintypes to Instagram	
ARTH 451	Women in the Visual Arts II	
ARTH 553	The Body in Social Theory and Visual Representation	
ARTH 583	Theories of Modern Art	
ARTH 586	Cultural Politics in Contemporary Art	
ARTH 588	 Current Issues in Art	
ARTH 592	 History and Theory of Museums	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Honors in Art History

The honors program is open to students with a 3.3 grade point average who have demonstrated overall excellence in the discipline. Honors are generally pursued in the senior year. Students enroll in the honors courses (ARTH 691H in the fall; ARTH 692H in the spring) through the student services assistant in the Department of Art and Art History office. This should be done after consultation with the faculty honors advisor and department honors advisor. For more information, see the honors program description elsewhere in this catalog and the departmental honors announcement. Honors work will allow a student to graduate with honors or with highest honors.

## Special Opportunities in Art and Art History Independent Study

Students may pursue independent study coursework with individual faculty members. Such work may be undertaken *only* with the permission of the sponsoring faculty member. Students should consult individual faculty members prior to registration to secure permission. A proposal and a contract must be approved by the appropriate director of undergraduate studies (studio art or art history) before students may enroll. (See the Undergraduate Policies, Procedures, and Resources (<https://art.unc.edu/about/policies/undergraduate-policies-procedures-and-resources/>) section of the Department of Art and Art History website (<https://art.unc.edu/>) for instructions.) Since faculty members are limited to supervising only two independent study students each semester, students are strongly advised to contact the faculty member with whom they wish to work early in the registration period for the upcoming semester.

Independent study work requires a minimum of three hours per week per credit hour. For example, a typical three-credit-hour class would require at least nine hours of work per week. Once the semester begins, students must meet with the faculty member initially to confirm goals, review expectations, and establish semester deadlines. Thereafter, students must meet regularly to review work in progress, with a suggested biweekly frequency. Total time spent in direct interaction with the faculty member for the semester must average 45 minutes per week. This may be in the form of face-to-face meetings, blog or e-mail exchanges, or group critiques with other independent study students and their advisors.

## Departmental Involvement

Students have opportunities to see and interact with a variety of arts professionals through exhibitions in the Allcott Galleries, installations of sculptural works in the Alumni Sculpture Garden, an artist-in-residence program, the Visiting Arts Professionals Program, and the Hanes Visiting Artist Lecture Series.

There are several undergraduate student organizations serving the visual arts at Carolina. The Undergraduate Art Association (UAA) is a campuswide social club that supports and develops undergraduate visual artists at Carolina – regardless of their enrollment in art classes – and strengthens the impact of visual art in the University community. The Studio Art Majors Association (SAMA) is aimed at developing community and professional opportunities that augment the experience for studio art majors and minors, especially through programming of the SAMple Gallery in the Hanes Art Center. ArtHeels is a service-based organization that is passionate about bringing arts (visual, performing, and literary) to the healthcare setting. The Art History Liaisons is the undergraduate art history group. Kappa Pi is the department majors' honors society which includes both studio and art history majors. These groups serve as an important link between the majors and the department's administration. The department utilizes these organizations to facilitate communication about matters of interest, including participation in departmental initiatives or other extracurricular opportunities.

## Internships

Art and art history majors are encouraged to pursue internships at local, regional, or national arts institutions or businesses. Students have worked in many art career contexts including museums and galleries, arts programming, and local businesses specializing in art-related production (photo studios, printmaking studios, illustration, design firms, and

publishing). The Undergraduate Policies, Procedures, and Resources (<https://art.unc.edu/about/policies/undergraduate-policies-procedures-and-resources/>) section of the Department of Art and Art History website (<https://art.unc.edu/>) has useful information about the requirements and how to set up the contracts for ARTH 293 and ARTS 493 as well as a partial listing of organizations that have worked with our students in the past. If you would like to discuss specific ideas about a possible internship, speak to any faculty member or the relevant director of undergraduate studies (art history or studio). All internships taken for UNC credit are subject to governmental guidelines, and students must have internships preapproved and under contract before enrolling for either ARTH 293 or ARTS 493.

## Study Abroad

Students are encouraged to pursue study abroad opportunities. While there are many opportunities to study art abroad, the Department of Art and Art History maintains a special affiliation with the Lorenzo di Medici school in Florence, Italy and the Glasgow School of Art in Scotland. There are also two faculty-led study abroad programs in the department – Art on the Camino de Santiago in Spain and the Florence/Venice Biennale Summer Program in Italy. Students should discuss their study abroad plans with the undergraduate advisor in studio art to obtain prior approval for courses taken abroad. Basically, courses that have an equivalent in the UNC–Chapel Hill curriculum usually are approved. Courses that fall outside the UNC–Chapel Hill curriculum must be evaluated on a case-by-case basis. No guarantee exists that a course will transfer for credit unless pre-approved. Departmental Study Abroad scholarships are available. Contact the Study Abroad Office to discuss the procedures for approval.

## Undergraduate Awards

### UNDERGRADUATE SCHOLARSHIPS IN STUDIO ART

The studio program awards more than \$24,000 annually to students, with individual awards ranging from a minimum of \$500 to \$3,000. A portfolio review each year allows studio art majors to submit up to four works to be considered for the following scholarships:

- The Alexander Julian Prize (one award to our best student)
- The Sharpe Scholarships (multiple awards for students receiving financial aid)
- George Kachergis Studio Art Scholarships (multiple awards chosen by a student-designated committee)
- The Anderson Award
- The Penland School of Craft Scholarships (two awards cover expenses for a summer course at the Penland School of Craft)
- A design honorarium to develop proposals for the Alumni Sculpture Garden (see below).

### ALUMNI SCULPTURE GARDEN COMPETITION

Every year, the Department of Art and Art History commissions student work for the Alumni Sculpture Garden. Commissions are a minimum of \$5,000, and the department awards up to three commissions. The selection process occurs in three stages: identifying interested students, a design phase, and the production of the work. During the November Awards Competition, interested students compete for one of six \$500 design honorariums that are to be used to develop proposals. Winners of this first phase are required attend a session early in the spring semester to learn about how to develop a proposal and the components that must be included. Proposals are reviewed in March to select winners.

## Undergraduate Research

Opportunities for undergraduate research in the Department of Art and Art History exist in several forms. Detailed descriptions and application guidelines are available in the Undergraduate Policies, Procedures, and Resources (<https://art.unc.edu/about/policies/undergraduate-policies-procedures-and-resources/>) section of the Department of Art and Art History website (<https://art.unc.edu/>) and from the department's student services manager.

**Allcott Travel Fellowships** support two summer research projects in studio art and/or art history.

**The Beatrice Pearman Fund** supports special projects in both art history and studio art. Competitions for art history research funds are held in the fall and the spring. Studio art students may request funds for special projects by submitting a proposal to the director of undergraduate studies in studio art. Awards are \$500 or less.

**Summer Undergraduate Research Fellowships (SURF)** are administered through the UNC Office for Undergraduate Research. These \$3,000 awards support undergraduate research projects over the summer. UNC's broad definition of research includes creative practices, and the James Boyd Gadson SURFs are specifically designated for studio art. SURF applications from studio art majors are automatically considered for these Gadson Fellowships. This fund typically supports at least two awards. Application deadlines (usually in February) are set by the Office for Undergraduate Research. Students interested in pursuing summer research should contact possible faculty sponsors toward the end of the fall semester.

**The Jacquelyn Friedman and Marvin Saltzman Fund in Art** provides supplemental monies for painting supplies for students who for economic reasons may be hindered from working to their full potential. Any undergraduate student with need, regardless of major, enrolled in a departmental studio art painting class during the fall and/or spring semesters is eligible. Students can contact their course instructor or the student services specialist for further information.

## Department Programs

### Majors

- Art History Major, B.A. (p. 132)
- Studio Art Major, B.A. (p. 136)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 139)

### Minors

- Art History Minor (p. 142)
- Studio Art Minor (p. 143)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Contact Information

### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)

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#### Director of Undergraduate Studies for Art History

Eduardo Douglas  
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#### Director of Undergraduate Studies for Studio Art

Mario Marzán  
mmarzan@email.unc.edu

#### Student Services Specialist

David Rashidi  
darashid@unc.edu

## Studio Art Major, B.A.

The B.A. degree is intended to expose undergraduate students to a range of studio art ideas and practices. Students should choose this degree option if they are seeking a general liberal arts education. It is also the most-often-selected degree option when pursuing a double major. Second majors are frequent with communication studies (media and technology studies and production), journalism (design track), biology, drama (costume and set design), and psychology (art therapy), but any field can be augmented by studying the visual arts. While the major consists of 36 credit hours, students may earn up to 45 credits in studio art courses (ARTS) that will count toward graduation. Credits taken beyond 45 will not count toward overall graduation requirements.

## Learning Outcomes

The overall goal of the studio art program at UNC–Chapel Hill is for students to develop interconnected skills of creative thinking and critical making in order to produce outstanding works of art.

Upon completion of the studio art program (B.A., B.F.A.), students should be able to demonstrate the following competencies:

- Acquire the technical skills (informed control of technique, process, and materials) and an understanding of principles of visual organization sufficient to achieve basic visual communication and expression in one or more media
- Understand fundamentals of studio practice shared across studio disciplines
- Document and present work (portfolio, exhibition, online gallery) that demonstrates a basic understanding of professional practices
- Develop the ability to think and act creatively through experimentation, and analysis of options and parameters — enabling work to progress from idea to physical form
- Develop an understanding of creative research as an iterative process that informs and allows artwork to evolve
- Develop effective vocabulary and skill (both verbal and written) to engage in critical analysis of form and content relationships in their own artwork and the work of others

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).














Code	Title	Hours
<b>Core Requirements</b>		
Three Tier I studio courses		9
Select one 2-D course (see list below)		
Select one 3-D course (see list below)		
Select one 4-D course (see list below)		
Three Tier II studio courses (see list below)		9
Two Tier III studio courses (see list below)		6
Three studio art elective courses <sup>1,2</sup>		9
One art history (ARTH) course <sup>3</sup>		3
<b>Total Hours</b>		<b>36</b>

<sup>1</sup> Only three credits of senior honors thesis can count in the B.A. major.
















<sup>2</sup> Any ARTS classes, including first-year seminars.

<sup>3</sup> Any ARTH classes, including first-year seminars.

## Listing of Studio Art Courses by Tier

Code	Title	Hours
<b>Tier I Studio Art (Foundation) Courses</b>		
<b>2-D Courses</b>		
ARTS 102	Two-Dimensional Design	
ARTS 104	 Drawing I	
ARTS 105	 Photography I <sup>H</sup>	
ARTS 115	 Darkroom Photography I	
ARTS 132	 Collage: Strategies for Thinking and Making	
ARTS 202	 Painting I	
ARTS 208	 Print I	
<b>3-D Courses</b>		
ARTS 103	 Sculpture I	
ARTS 213	Ceramic I	
ARTS 233	 Wood Sculpture	
<b>4-D (Time-Based) Courses</b>		
ARTS 106	 Video I	
ARTS 116	Introduction to Web Media	
<b>Tier II Studio Art Courses</b>		
ARTS 205	 Photography II	3
ARTS 206	 Video II	3
ARTS 209	 2D Animation	3
ARTS 214	 Life Drawing	3



ARTS 215	 Darkroom Photography II	3
ARTS 221	Color: Theory and Concept	3
ARTS 222	New Technologies and Narrative Painting	3
ARTS 238	Screen Printing	3
ARTS 243	 Metal Sculpture	3
ARTS 274	 Landscapes of the Camino	3
ARTS 290	Special Topics in Studio Art	3
ARTS 302	Painting II	3
ARTS 313	Ceramic II	3
ARTS 324	Drawing II	3
ARTS 352	Abstract Painting	3
ARTS 358	Letterpress	3
ARTS 368	Print II	3
<b>Tier III Studio Art Courses</b>		
ARTS 309	 3D Animation	3
ARTS 322	 Narrative Painting	3
ARTS 343	 MAKE: Art in the (New) Age	3
ARTS 353	 Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 354	Narrative Drawing	3
ARTS 355	 The Practice of Representation: Portraiture in Photography	3
ARTS 363	 At the Radical Edge of Life: Art, Space, and Ecology	3
ARTS 364	 The Walking Seminar: A Territorial Investigation	3
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ARTS 402	Advanced Painting Projects	3
ARTS 409	 Art and Science: Merging Printmaking and Biology <sup>H</sup>	3
ARTS 410	 Public Art	3
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ARTS 490	Advanced Special Topics in Studio Art	3
ARTS 493	 Studio Art Practicum or Internship	3
ARTS 515	Advanced Topics in Photography	3
ARTS 596	Independent Study in Studio Art	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Honors in Studio Art



The Senior Honors Thesis Project is designed to provide senior studio art majors an opportunity to pursue serious and substantial work that may

qualify them to graduate "with honors" or "with highest honors." Students selected for the program conduct original creative research spanning the two semesters of the senior year.

To be eligible to apply for this opportunity, students must be rising senior studio art majors and meet the minimum GPA threshold of 3.3 established by the Honors Carolina office. The application consists of the following:

- A completed application form
- A proposal for the senior thesis project
- A digital portfolio demonstrating a mature capability to perform visual research

A call for applications is announced via the department student listserv in March. Applications are due the first week of fall semester and are reviewed by the studio faculty within a week of the application deadline. If accepted as studio art honors candidates, students enroll in the honors courses through the student services manager.

Code	Title	Hours
ARTS 691H	 Senior Honors Thesis Project in Studio Art (fall)	3
ARTS 692H	 Senior Honors Thesis Project in Studio Art (spring)	3

In addition to the scheduled coursework, studio honors students work with a thesis committee consisting of a thesis advisor – who must be a studio art faculty member – and two additional faculty members. One of the two faculty members serving on the honors thesis committee may be from a discipline outside of the department.

In studio art, the thesis project consists of the creative work produced and accompanying written components. Work is reviewed at the end of the fall semester to determine progress toward completion. In the spring semester, the completed honors project work and written thesis are presented to the honors committee for an oral defense. On the basis of this defense and the work presented, the committee determines whether or not a student graduates with an honors designation (honors or highest honors). Honors students exhibit their work in a formal exhibition either as a solo show at the time of the thesis defense and/or as a participant in the Senior Exhibition required for all graduating studio art majors. Studio art honors students also join their art history peers in a departmental honors symposium in April.

Current deadlines, details of the application process, and requirements for the senior studio art honors project (research, work, and written components) are available on the art and art history majors' Sakai site or from the student services manager.

## Special Opportunities in Art and Art History

### Independent Study

Students may pursue independent study coursework with individual faculty members. Such work may be undertaken *only* with the permission of the sponsoring faculty member. Students should consult individual faculty members prior to registration to secure permission. A proposal and a contract must be approved by the appropriate director of undergraduate studies (studio art or art history) before students may enroll. (See the Undergraduate Policies, Procedures, and Resources (<https://art.unc.edu/about/policies/undergraduate-policies-procedures-and-resources/>) section of the Department of Art and Art History website

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Independent study work requires a minimum of three hours per week per credit hour. For example, a typical three-credit-hour class would require at least nine hours of work per week. Once the semester begins, students must meet with the faculty member initially to confirm goals, review expectations, and establish semester deadlines. Thereafter, students must meet regularly to review work in progress, with a suggested biweekly frequency. Total time spent in direct interaction with the faculty member for the semester must average 45 minutes per week. This may be in the form of face-to-face meetings, blog or e-mail exchanges, or group critiques with other independent study students and their advisors.

## Departmental Involvement

Students have opportunities to see and interact with a variety of arts professionals through exhibitions in the Allcott Galleries, installations of sculptural works in the Alumni Sculpture Garden, an artist-in-residence program, the Visiting Arts Professionals Program, and the Hanes Visiting Artist Lecture Series.

There are several undergraduate student organizations serving the visual arts at Carolina. The Undergraduate Art Association (UAA) is a campuswide social club that supports and develops undergraduate visual artists at Carolina — regardless of their enrollment in art classes — and strengthens the impact of visual art in the University community. The Studio Art Majors Association (SAMA) is aimed at developing community and professional opportunities that augment the experience for studio art majors and minors, especially through programming of the SAMple Gallery in the Hanes Art Center. ArtHeels is a service-based organization that is passionate about bringing arts (visual, performing, and literary) to the healthcare setting. The Art History Liaisons is the undergraduate art history group. Kappa Pi is the department majors' honors society which includes both studio and art history majors. These groups serve as an important link between the majors and the department's administration. The department utilizes these organizations to facilitate communication about matters of interest, including participation in departmental initiatives or other extracurricular opportunities.

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Art and art history majors are encouraged to pursue internships at local, regional, or national arts institutions or businesses. Students have worked in many art career contexts including museums and galleries, arts programming, and local businesses specializing in art-related production (photo studios, printmaking studios, illustration, design firms, and publishing). The Undergraduate Policies, Procedures, and Resources (<https://art.unc.edu/about/policies/undergraduate-policies-procedures-and-resources/>) section of the Department of Art and Art History website (<https://art.unc.edu/>) has useful information about the requirements and how to set up the contracts for ARTH 293 and ARTS 493 as well as a partial listing of organizations that have worked with our students in the past. If you would like to discuss specific ideas about a possible internship, speak to any faculty member or the relevant director of undergraduate studies (art history or studio). All internships taken for UNC credit are subject to governmental guidelines, and students must have internships preapproved and under contract before enrolling for either ARTH 293 or ARTS 493.

## Study Abroad

Students are encouraged to pursue study abroad opportunities. While there are many opportunities to study art abroad, the Department of Art and Art History maintains a special affiliation with the Lorenzo di Medici school in Florence, Italy and the Glasgow School of Art in Scotland. There are also two faculty-led study abroad programs in the department — Art on the Camino de Santiago in Spain and the Florence/Venice Biennale Summer Program in Italy. Students should discuss their study abroad plans with the undergraduate advisor in studio art to obtain prior approval for courses taken abroad. Basically, courses that have an equivalent in the UNC–Chapel Hill curriculum usually are approved. Courses that fall outside the UNC–Chapel Hill curriculum must be evaluated on a case-by-case basis. No guarantee exists that a course will transfer for credit unless pre-approved. Departmental Study Abroad scholarships are available. Contact the Study Abroad Office to discuss the procedures for approval.

## Undergraduate Awards

### UNDERGRADUATE SCHOLARSHIPS IN STUDIO ART

The studio program awards more than \$24,000 annually to students, with individual awards ranging from a minimum of \$500 to \$3,000. A portfolio review each year allows studio art majors to submit up to four works to be considered for the following scholarships:

- The Alexander Julian Prize (one award to our best student)
- The Sharpe Scholarships (multiple awards for students receiving financial aid)
- George Kachergis Studio Art Scholarships (multiple awards chosen by a student-designated committee)
- The Anderson Award
- The Penland School of Craft Scholarships (two awards cover expenses for a summer course at the Penland School of Craft)
- A design honorarium to develop proposals for the Alumni Sculpture Garden (see below).

### ALUMNI SCULPTURE GARDEN COMPETITION

Every year, the Department of Art and Art History commissions student work for the Alumni Sculpture Garden. Commissions are a minimum of \$5,000, and the department awards up to three commissions. The selection process occurs in three stages: identifying interested students, a design phase, and the production of the work. During the November Awards Competition, interested students compete for one of six \$500 design honorariums that are to be used to develop proposals. Winners of this first phase are required attend a session early in the spring semester to learn about how to develop a proposal and the components that must be included. Proposals are reviewed in March to select winners.

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**Allcott Travel Fellowships** support two summer research projects in studio art and/or art history.

**The Beatrice Pearman Fund** supports special projects in both art history and studio art. Competitions for art history research funds are held in the fall and the spring. Studio art students may request funds for

special projects by submitting a proposal to the director of undergraduate studies in studio art. Awards are \$500 or less.

**Summer Undergraduate Research Fellowships (SURF)** are administered through the UNC Office for Undergraduate Research. These \$3,000 awards support undergraduate research projects over the summer. UNC's broad definition of research includes creative practices, and the James Boyd Gadson SURFs are specifically designated for studio art. SURF applications from studio art majors are automatically considered for these Gadson Fellowships. This fund typically supports at least two awards. Application deadlines (usually in February) are set by the Office for Undergraduate Research. Students interested in pursuing summer research should contact possible faculty sponsors toward the end of the fall semester.

**The Jacquelyn Friedman and Marvin Saltzman Fund in Art** provides supplemental monies for painting supplies for students who for economic reasons may be hindered from working to their full potential. Any undergraduate student with need, regardless of major, enrolled in a departmental studio art painting class during the fall and/or spring semesters is eligible. Students can contact their course instructor or the student services specialist for further information.

## Department Programs

### Majors

- Art History Major, B.A. (p. 132)
- Studio Art Major, B.A. (p. 136)
- Studio Art Major, Bachelor of Fine Arts (B.F.A.) (p. 139)

### Minors

- Art History Minor (p. 142)
- Studio Art Minor (p. 143)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Contact Information

### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)  
101 Hanes Art Center, CB# 3405  
(919) 962-2015

### Director of Undergraduate Studies (Studio Art)

Mario Mazán  
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### Chair

Annette Lawrence

### Director of Undergraduate Studies for Art History

Eduardo Douglas  
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### Director of Undergraduate Studies for Studio Art

Mario Marzán

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### Student Services Specialist

David Rashidi  
darashid@unc.edu

## Studio Art Major, Bachelor of Fine Arts (B.F.A.)

The B.F.A. is considered the preprofessional course of study, providing a more in-depth experience of visual concept and practice. Students intending to pursue further study in visual arts disciplines (master of fine arts, design fields, or architecture) should choose this degree option. Students considering the B.F.A. degree are advised to contact the undergraduate advisor for studio art during the first year and no later than the sophomore year.

## Learning Outcomes

The overall goal of the studio art program at UNC–Chapel Hill is for students to develop interconnected skills of creative thinking and critical making in order to produce outstanding works of art.

Upon completion of the studio art program (B.A., B.F.A.), students should be able to demonstrate the following competencies:

- Acquire the technical skills (informed control of technique, process, and materials) and an understanding of principles of visual organization sufficient to achieve basic visual communication and expression in one or more media
- Understand fundamentals of studio practice shared across studio disciplines
- Document and present work (portfolio, exhibition, online gallery) that demonstrates a basic understanding of professional practices
- Develop the ability to think and act creatively through experimentation, and analysis of options and parameters – enabling work to progress from idea to physical form
- Develop an understanding of creative research as an iterative process that informs and allows artwork to evolve
- Develop effective vocabulary and skill (both verbal and written) to engage in critical analysis of form and content relationships in their own artwork and the work of others

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Three Tier 1 studio courses		9

Select one 2-D course (see list below)	
Select one 3-D course (see list below)	
Select one 4-D course (see list below)	
Four Tier II studio courses (see list below)	12
Five Tier III studio courses (see list below)	15
Six studio art elective courses <sup>1,2</sup>	18
Two art history (ARTH) courses <sup>3</sup>	6
<b>Total Hours</b>	<b>60</b>

<sup>1</sup> Students can include an additional art history course in place of one studio art course. Students can count up to six hours of senior honors thesis credit.

















<sup>2</sup> Any ARTS classes, including first-year seminars.

<sup>3</sup> Any ARTH classes, including first-year seminars.

B.F.A. students should be aware that courses taken in the Department of Art beyond the 60 credits outlined in the major will not count toward graduation.












All General Education (p. 1164) requirements must be completed.

## Listing of Studio Art Courses by Tier

Code	Title	Hours
<b>Tier I Studio Art (Foundation) Courses</b>		
<b>2-D Courses</b>		
ARTS 102	Two-Dimensional Design	
ARTS 104	 Drawing I	
ARTS 105	 Photography I <sup>H</sup>	
ARTS 115	 Darkroom Photography I	
ARTS 132	 Collage: Strategies for Thinking and Making	
ARTS 202	 Painting I	
ARTS 208	 Print I	
<b>3-D Courses</b>		
ARTS 103	 Sculpture I	
ARTS 213	Ceramic I	
ARTS 233	 Wood Sculpture	
<b>4-D (Time-Based) Courses</b>		
ARTS 106	 Video I	
ARTS 116	Introduction to Web Media	
<b>Tier II Studio Art Courses</b>		
ARTS 205	 Photography II	3
ARTS 206	 Video II	3
ARTS 209	 2D Animation	3
ARTS 214	 Life Drawing	3
ARTS 215	 Darkroom Photography II	3
ARTS 221	Color: Theory and Concept	3
ARTS 222	New Technologies and Narrative Painting	3
ARTS 238	Screen Printing	3
ARTS 243	 Metal Sculpture	3
ARTS 274	 Landscapes of the Camino	3

ARTS 290	Special Topics in Studio Art	3
ARTS 302	Painting II	3
ARTS 313	Ceramic II	3
ARTS 324	Drawing II	3
ARTS 352	Abstract Painting	3
ARTS 358	Letterpress	3
ARTS 368	Print II	3

### Tier III Studio Art Courses

ARTS 309	 3D Animation	3
ARTS 322	 Narrative Painting	3
ARTS 343	 MAKE: Art in the (New) Age	3
ARTS 353	 Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 354	Narrative Drawing	3
ARTS 355	 The Practice of Representation: Portraiture in Photography	3
ARTS 363	 At the Radical Edge of Life: Art, Space, and Ecology	3
ARTS 364	 The Walking Seminar: A Territorial Investigation	3
ARTS 373	 Art, Rites and Rituals of Pilgrimage	3
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ARTS 402	Advanced Painting Projects	3
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ARTS 493	 Studio Art Practicum or Internship	3
ARTS 515	Advanced Topics in Photography	3
ARTS 596	Independent Study in Studio Art	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.



## Honors in Studio Art

The Senior Honors Thesis Project is designed to provide senior studio art majors an opportunity to pursue serious and substantial work that may qualify them to graduate "with honors" or "with highest honors." Students selected for the program conduct original creative research spanning the two semesters of the senior year.

To be eligible to apply for this opportunity, students must be rising senior studio art majors and meet the minimum GPA threshold of 3.3 established by the Honors Carolina office. The application consists of the following:

- A completed application form
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A call for applications is announced via the department student listserv in March. Applications are due the first week of fall semester and are reviewed by the studio faculty within a week of the application deadline. If accepted as studio art honors candidates, students enroll in the honors courses through the student services manager.

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## Special Opportunities in Art and Art History

### Independent Study

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### Study Abroad

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## Undergraduate Awards

### UNDERGRADUATE SCHOLARSHIPS IN STUDIO ART

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## Department Programs

### Majors

- Art History Major, B.A. (p. 132)
- Studio Art Major, B.A. (p. 136)
- Studio Art Major, Bachelor of Fine Arts (B.F.A.) (p. 139)

### Minors

- Art History Minor (p. 142)
- Studio Art Minor (p. 143)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
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## Contact Information

### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)  
101 Hanes Art Center, CB# 3405  
(919) 962-2015

### Director of Undergraduate Studies (Studio Art)

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### Chair

Annette Lawrence

### Director of Undergraduate Studies for Art History

Eduardo Douglas  
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### Director of Undergraduate Studies for Studio Art

Mario Marzán  
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### Student Services Specialist

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## Art History Minor

The art history curriculum is designed to help students acquire an individual perspective on their own values and beliefs and on their places

in a society increasingly shaped by visual communication. Majors and minors in art history become acquainted with the historical significance, cultural diversity, and intellectual richness of human artistic traditions, enabling students to investigate the complex roles played by the arts in a variety of social contexts.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor consists of five courses at any level in art history (p. 115).

Students majoring in another department may elect to pursue a minor in art history. Studio art majors may pursue an art history minor.

See program page here (p. 134) for special opportunities.

## Department Programs

### Majors

- Art History Major, B.A. (p. 132)
- Studio Art Major, B.A. (p. 136)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 139)

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### Director of Undergraduate Studies for Art History

Eduardo Douglas  
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## Studio Art Minor

Students majoring in another department may elect to pursue a minor in studio art. The minor consists of five courses at different levels and is intended to expose undergraduate students to a range of studio art ideas and practices. Students minoring in studio art may choose from a broad selection of courses, including drawing, painting, ceramics, sculpture, printmaking, digital media, special topics, mixed media, and photography. Art history majors may not pursue a studio art minor.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.








For more information, please consult the degree requirements section of the catalog (p. 1241).





















The undergraduate minor in studio art consists of five courses (15 credit hours).


Code	Title	Hours
<b>Core Requirements</b>		
	One Tier I studio course (see list below)	3
	One Tier II studio course (see list below)	3
	One Tier III studio course (see list below)	3
	Two studio art elective courses (any ARTS course, including FYS)	6
<b>Total Hours</b>		<b>15</b>

*Note: Students MUST have appropriate prerequisites to take upper-level courses. Be sure to check the courses in each level to determine the appropriate courses to take in Tiers I and II. You may have to take an additional course to satisfy these requirements.*

## Listing of Studio Art Courses by Tier

Code	Title	Hours
<b>Tier I Studio Art (Foundation) Courses</b>		
<b>2-D Courses</b>		
ARTS 102	Two-Dimensional Design	
ARTS 104	 Drawing I	
ARTS 105	 Photography I <sup>H</sup>	
ARTS 115	 Darkroom Photography I	
ARTS 132	 Collage: Strategies for Thinking and Making	
ARTS 202	 Painting I	
ARTS 208	 Print I	
<b>3-D Courses</b>		
ARTS 103	 Sculpture I	
ARTS 213	Ceramic I	

ARTS 233	 Wood Sculpture	
<b>4-D (Time-Based) Courses</b>		
ARTS 106	 Video I	
ARTS 116	Introduction to Web Media	
<b>Tier II Studio Art Courses</b>		
ARTS 205	 Photography II	3
ARTS 206	 Video II	3
ARTS 209	 2D Animation	3
ARTS 214	 Life Drawing	3
ARTS 215	 Darkroom Photography II	3
ARTS 221	Color: Theory and Concept	3
ARTS 222	New Technologies and Narrative Painting	3
ARTS 238	Screen Printing	3
ARTS 243	 Metal Sculpture	3
ARTS 274	 Landscapes of the Camino	3
ARTS 290	Special Topics in Studio Art	3
ARTS 302	Painting II	3
ARTS 313	Ceramic II	3
ARTS 324	Drawing II	3
ARTS 352	Abstract Painting	3
ARTS 358	Letterpress	3
ARTS 368	Print II	3
<b>Tier III Studio Art Courses</b>		
ARTS 309	 3D Animation	3
ARTS 322	 Narrative Painting	3
ARTS 343	 MAKE: Art in the (New) Age	3
ARTS 353	 Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 354	Narrative Drawing	3
ARTS 355	 The Practice of Representation: Portraiture in Photography	3
ARTS 363	 At the Radical Edge of Life: Art, Space, and Ecology	3
ARTS 364	 The Walking Seminar: A Territorial Investigation	3
ARTS 373	 Art, Rites and Rituals of Pilgrimage	3
ARTS 390	Special Topics in Studio Art	3
ARTS 402	Advanced Painting Projects	3
ARTS 409	 Art and Science: Merging Printmaking and Biology <sup>H</sup>	3
ARTS 410	 Public Art	3
ARTS 413	Advanced Ceramic Projects	3
ARTS 415	Conceptual-Experimental Photography	3
ARTS 416	Advanced Video	3
ARTS 417	Advanced Mixed Media Projects	3
ARTS 418	Advanced Printmaking	3
ARTS 428	Book Art	3
ARTS 458	 Photo Printmaking	3
ARTS 490	Advanced Special Topics in Studio Art	3

ARTS 493	 Studio Art Practicum or Internship	3
ARTS 515	Advanced Topics in Photography	3
ARTS 596	Independent Study in Studio Art	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 137) for special opportunities.

## Department Programs

### Majors

- Art History Major, B.A. (p. 132)
- Studio Art Major, B.A. (p. 136)
- Studio Art Major, Bachelor of Fine Arts (B.F.A.) (p. 139)

### Minors

- Art History Minor (p. 142)
- Studio Art Minor (p. 143)

### Graduate Programs

- Master of Art in Art History, M.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Master of Fine Arts in Art, M.F.A. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)
- Doctor of Philosophy in Art History, Ph.D. (<http://catalog.unc.edu/graduate/schools-departments/art/#programstext>)

## Contact Information

### Department of Art and Art History

Visit Program Website (<http://art.unc.edu>)  
101 Hanes Art Center, CB# 3405  
(919) 962-2015

### Chair

Annette Lawrence

### Director of Undergraduate Studies for Art History

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## Department of Asian and Middle Eastern Studies

### Introduction

The department offers students a range of language classes in Arabic, Chinese, Hebrew, Hindi-Urdu, Japanese, Korean, Persian, Turkish, and Vietnamese, as well as a selection of courses taught by our core and affiliated faculty in the humanities (art and art history, cinema, drama,



linguistics, literature, and religious studies) and in the social sciences (anthropology, economics, environmental studies, geography, history, sociology, and urban studies).

Students majoring in the Department of Asian and Middle Eastern Studies also may pursue a minor in the department that is different from their major.

## Advising

All majors and minors have a primary academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. All majors are also required to meet each fall with a faculty advisor within the department. Departmental advising is an opportunity to discuss major progress, course selection and planning, study abroad, graduate school, career opportunities, and other matters pertinent to the major field. Advisors are assigned by concentration; advisor listings and contact information may be found on the department's website (<https://asianstudies.unc.edu/>) and are also disseminated via the majors' listserv.

## Graduate School and Career Opportunities

As a liberal arts major, the Asian studies major trains undergraduates to read and think analytically and to present their ideas effectively orally and in writing, essential preparation for a variety of careers and for the responsibilities of living in an interdependent world. Graduates of the program have continued their academic preparation in top-ranked graduate programs across the country while others have built distinguished careers in fields including arts, banking, government, international education, journalism, law, medicine, and public health.

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.—Chinese Concentration (p. 185)
- Asian Studies Major, B.A.—Japanese Concentration (p. 190)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Professors

Mark Driscoll, Morgan Pitelka, Robin Visser, Claudia Yaghoobi, Nadia Yaqub.

## Associate Professors

Uffe Bergeton, Li-ling Hsiao, Ji-Yeon Jo, Pamela Lothspeich, Yaron Shemer, Afroz Taj, Gang Yue.

## Assistant Professors

Kyoungjin Bae, Keren He, I Jonathan Kief, Yurika Tamura, Ana Vinea.

## Teaching Professors

Yuki Aratake, Yi Zhou.

## Teaching Associate Professors

Shahla Adel, Dongsoo Bang, John Caldwell, Doria El Kerdany, Yuko Kato, Bud Kauffman, Lini Ge Polin, Hanna Sprintzik.

## Teaching Assistant Professors

Luoyi Cai, Dwayne Dixon, Fumi Iwashita, Eunji Lee, Katsu Sawamura, Caroline Sibley.

## Professor of the Practice

Didem Havlioglu.

## Affiliated Faculty

Barbara Ambros (Religious Studies), Benjamin Arbuckle (Anthropology), Cemil Aydin (History), Inger Brodey (English and Comparative Literature), Yong Cai (Sociology), Jocelyn Chua (Anthropology), Peter A. Coclanis (History), Barbara Entwisle (Sociology), Michael Figueroa (Music), Banu Gökariksel (Geography), Guang Guo (Sociology), Juliane Hammer (Religious Studies), Gail Henderson (Social Medicine), Carmen Hsu (Romance Studies), Heidi Kim (English and Comparative Literature), Michelle King (History), Charles Kurzman (Sociology), David Lambert (Religious Studies), Christian Lentz (Geography), Lauren Leve (Religious Studies), Townsend Middleton (Anthropology), Christopher Nelson (Anthropology), Lisa Pearce (Sociology), Xue Lan Rong (Education), Steven Rosefelde (Economics), David Ross (English and Comparative Literature), Sarah Shields (History), Kumi Silva (Communication), Jennifer Smith (Linguistics), Sara Smith (Geography), Yan Song (City and Regional Planning), Eren Tasar (History), Meenu Tewari (City and Regional Planning), Michael Tsin (History), Margaret Wiener (Anthropology).

## Professors Emeriti


Jan Bardsley, Kevin Hewison, Wendan Li, Jerome P. Seaton.

## Senior Lecturer Emeritus


Eric Henry.


## ASIA–Asian Studies (in English)

### Undergraduate-level Courses


 **ASIA 52. First-Year Seminar: Food in Chinese Culture. 3 Credits.**  
Examines the cultural practice and meanings of food, cooking, eating, and drinking through Chinese literature and cinema. Main themes include food and rituals, gourmandism and poetic taste, cannibalism and the grotesque, and hunger and revolution.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.  
**Making Connections Gen Ed:** LA, BN.  
**Grading Status:** Letter grade.


 **ASIA 55. First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture. 3 Credits.**  
Film, history, novels, and theater are used to explore the rich, complex kung-fu tradition in Chinese culture from ancient to modern times, as well as its appropriation in foreign films.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-VALUES.  
**Making Connections Gen Ed:** PH, BN.  
**Grading Status:** Letter grade.


 **ASIA 56. First-Year Seminar: Writing Women in Modern China. 3 Credits.**  
Compares the rhetoric of equality between the sexes presented by late Qing, May Fourth, and communist thinkers to perspectives on gender and society by 20th-century Chinese women writers. Honors version available.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.  
**Making Connections Gen Ed:** LA, BN.  
**Grading Status:** Letter grade.  
**Same as:** WGST 56.


 **ASIA 57. First-Year Seminar: Dis-Orienting the Orient. 3 Credits.**  
Examines how the East is constructed as the Orient in different historical periods: 19th-century European colonialism, 1950s to 1960s Hollywood films, contemporary Japanese animation, and the global war on terrorism.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-KNOWING.  
**Making Connections Gen Ed:** VP, BN.  
**Grading Status:** Letter grade.

 **ASIA 59. First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan. 3 Credits.**  
Explores different examples of broadcast and digital media (music videos, soap operas and reality shows, radio, and social media) with respect to history, gender, sexuality, globalization, environment, religion, regionalism, and activism.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-KNOWING.  
**Making Connections Gen Ed:** VP, BN.  
**Grading Status:** Letter grade.

 **ASIA 60. First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities. 3 Credits.**

The course explores selected themes and case studies pertinent to culture and society in modern Israel, with emphasis on debates about "Israeliness" in various cultural and social arenas.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-POWER.  
**Making Connections Gen Ed:** BN.  
**Grading Status:** Letter grade.  
**Same as:** JWST 60.

 **ASIA 61. First-Year Seminar: India through the Lens of Master Filmmakers. 3 Credits.**

Students watch, interpret, and analyze art films by filmmakers working in various languages and regions of India. Students are introduced to aesthetics, themes, cultures, and histories that have shaped the various regional cinemas of India. Course readings introduce students to some of the formal elements of filmmaking and provide cultural and historical context.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-GLOBAL.  
**Making Connections Gen Ed:** VP, BN, CI.  
**Grading Status:** Letter grade.

 **ASIA 63. First-Year Seminar: Japanese Tea Culture. 3 Credits.**

This seminar explores the history of tea culture in Japan, particularly the emergence in the 16th and 17th centuries of the ritualized practice often referred to in English as the "tea ceremony" (chanoyu). Practitioners included merchants, Buddhist monks, warlords, European Jesuits, and professional tea masters.


#### Rules & Requirements


 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-PAST.  
**Making Connections Gen Ed:** HS, BN.  
**Grading Status:** Letter grade.

 **ASIA 65. First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought. 3 Credits.**

This course will introduce students to the main works and themes in early Chinese thought from the earliest recorded writings down to the Qin unification in 221 BCE.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-PAST.  
**Making Connections Gen Ed:** PH, WB.  
**Grading Status:** Letter grade.

 **ASIA 69. First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan. 3 Credits.**

In this seminar, we will explore the various ways that Iran-Iraq, United States-Iraq, and United States-Afghanistan wars have been portrayed in literature, film, and photography. We will deepen and enrich our understanding of war experienced by both veterans and civilians. We will also read articles on war criticism and psychology.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-CREATE or FC-GLOBAL.  
**Making Connections Gen Ed:** LA, CI, GL.  
**Grading Status:** Letter grade.  
**Same as:** PWAD 69.

 **ASIA 71. First-Year Seminar: Asia in Iberian Converso Literature, 1500s-1650s. 3 Credits.**

This course examines how 16th- and 17th-century Iberian authors of Jewish heritage imagined and represented Chinese, Filipinos, Japanese, and Indonesians in their writings (e.g. plays, historical narratives, economic treatises, travel accounts, maps, etc.). We explore how these authors' representations of Asians not only dialogued with various interwoven variables (political, economic, and religious factors), but also revealed the historically complex issue regarding notions of personal identities and nationhood.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**Same as:** ROML 71.

 **ASIA 72. First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture. 3 Credits.**

This first-year seminar introduces students to the history of transnational imaginations in modern Korea. Using literature, film, and television, it explores the ways in which Korean cultural producers have used narratives of transnational travel and exchange to rethink Korea's place in the world and refashion the bounds of Korean identity.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

 **ASIA 73. First-Year Seminar: Popular Culture in the Arab World. 3 Credits.**

This first-year seminar introduces students to aspects of popular culture in the Arab world, taking it as an entry point for understanding the histories, cultures, and societies of the region. The course relies on anthropological readings alongside direct engagements with examples of popular culture from the Arab world.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

 **ASIA 74. First-Year Seminar: Imagining Palestine. 3 Credits.**

This course explores the idea of Palestine as in Palestinian creative works. We will study what Palestine is for Palestinians, how Palestinian relationships to and expectations of Palestine have changed over time; and how Palestinian portrayals of their homeland have affected perceptions of Palestine/Israel and the Arab world. How have art, film, and literature shaped Palestinian identities and aspirations throughout modern Palestinian history? How have they contributed to personal agency?

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

 **ASIA 75. First-Year Seminar: Love in China. 3 Credits.**

We all know that love is not easy. But what makes it so complicated? This course examines how the conception of "love" in Chinese culture offers a key to understanding emotions, family structure, gender and sexuality, consumer desire, as well as political sentiments. We will probe into these issues through literary and visual materials from the 8th century B.C.E. to the 21st century.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Grading Status:** Letter grade.

 **ASIA 89. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **ASIA 124. Iranian Post-1979 Cinema. 3 Credits.**

We examine the ways the medium has been used to incorporate political and social perspectives, challenge the government, and document the lives and struggles of Iranian people. Among the topics explored are Iranian culture and society, gender politics, ethnicity, attitudes about religion, role of children, and various schools of realism. Previously offered as ASIA 224.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL, HI-PERFORM.

**Making Connections Gen Ed:** LA, BN, EE- Performing Arts.

**Grading Status:** Letter grade.

 **ASIA 126. Introduction to Persian Literature. 3 Credits.**

This course introduces students to Persian literature from classical to contemporary writers in translation to help them understand the efforts of the Iranian literati in addressing issues surrounding love, the sacred, human diversity, inclusiveness, and the rise of the modern nation-state in Iran through the use of literature.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

 **ASIA 127. Iranian Women Writers. 3 Credits.**

This course introduces students to Iranian women's issues through their literary works. To contextualize, we will read articles and essays on the historical, cultural, social, political, and economic backgrounds. In order to approach these literary works in a more effective manner, we will also be reading various secondary materials.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** WGST 127.

**ASIA 131. Southeast Asia to the Early 19th Century. 3 Credits.**

The history of Southeast Asia from prehistory to "high imperialism." Long-term political, economic, social, and religious developments, including Indianization, the impact of China, and the first contacts with Europeans.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 131.

 **ASIA 132. Modern Southeast Asia. 3 Credits.**

The history of Southeast Asia from the 19th century to the present. Long-term political, economic, social, and intellectual questions, including the impact of imperialism, the rise of nationalism, the transformation of the economy, the Cold War, and the coherence of Southeast Asia as a region.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 132, PWAD 132.

 **ASIA 133. Introduction to Chinese History. 3 Credits.**

Chinese history from its beginnings to the present, organized around the central theme of how the identity of China and 'Chineseness' was created.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 133.

**ASIA 134. Modern East Asia. 3 Credits.**

Comparative and interdisciplinary introduction to China and Japan in the 19th and 20th centuries, focusing on impact of the West, nation building, industrialization, and evolution of mass society.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 134, PWAD 134.

 **ASIA 135. History of the Indian Subcontinent to 1750. 3 Credits.**

An introduction to major political, religious, social, and cultural events from 3500 BCE to 1750 CE with a focus on Hindu, Muslim, and Buddhist groups before British colonial rule.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 135.

**ASIA 136. History of India, Pakistan, and Bangladesh: South Asia since 1750. 3 Credits.**

This course is an introduction to modern India, Pakistan, and Bangladesh. We will investigate major political, social, economic, and cultural issues from 1750 to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 136.

**ASIA 138. History of Muslim Societies to 1500. 3 Credits.**

A broad, comprehensive, and interdisciplinary introduction to the traditional civilization of the Muslim world. Students may not receive credit for both HIST 138/ASIA 138 and ASIA 180/RELI 180.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 138.

 **ASIA 139. History of Muslim Societies since 1500. 3 Credits.**

A broad interdisciplinary survey of the later Islamic empires since the 15th century and their successor societies in the modern Muslim world. Students may not receive credit for both ASIA 139/HIST 139 and ASIA 181/RELI 181.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 139.

 **ASIA 150. Asia: An Introduction. 3 Credits.**

The course introduces Asia's historical, cultural, and political diversity by examining some of the global forces that have shaped Asian societies (e.g., colonialism, orientalism, and neoliberalism).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

 **ASIA 151. Literature and Society in Southeast Asia. 3 Credits.**

This course is an introduction to the societies of Southeast Asia through literature. Background materials and films will supplement the comparative study of traditional works, novels, short stories, and poems.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **ASIA 152. Survey of South Asian Cultural History. 3 Credits.**

Readings from diverse disciplines illuminate the broad features of South Asia throughout history. Topics include political history and social thought, including gender and caste, and religious and imaginative literature.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** LA, BN, WB.

**Grading Status:** Letter grade.

 **ASIA 163. Hindi-Urdu Poetry in Performance. 3 Credits.**

This course examines the connection between poetry and performance in the context of Hindi-Urdu literature, particularly the genres of Sufi poetry (qawwali), Bhakti poetry, and the Ghazal.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

### ASIA 164. Music of South Asia. 3 Credits.

This course provides a comprehensive overview of the music of South Asia, focusing on India, Pakistan, and Bangladesh. The entire spectrum of musical genres will be covered.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, BN.


**Grading Status:** Letter grade.

**Same as:** MUSC 164.

### ASIA 167. Gender, Sexuality, and Social Justice in South Asia. 3 Credits.

This course explores questions of ethics, justice, and inequality with respect to gender in modern South Asia. Each unit will probe a different aspect of social justice in order to understand the histories, politics, and expressive cultures of various disempowered communities. Intersections between gender and ethics, politics, sexuality, caste, class, and the environment will be studied in depth.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** WGST 167.

### ASIA 180. Introduction to Islamic Civilization. 3 Credits.

A broad, comprehensive, and interdisciplinary introduction to the traditional civilization of the Muslim world. Students may not receive credit for both RELI 180/ASIA 180 and ASIA 138/HIST 138.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 180.

### ASIA 181. Modern Muslim Societies. 3 Credits.

This course surveys important developments in modern Muslim societies since the 16th century and up to the present. Topics covered include Muslim experiences with colonialism and nationalism, modernist reform movements, fundamentalism, women's activism and changes in Qur'an interpretation, Islamic law, and religious practice. Students may not receive credit for both RELI 181/ASIA 181 and ASIA 139/HIST 139.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 181.

### ASIA 183. Asian Religions. 3 Credits.

An introduction to major religions of South Asia and East Asia, such as Hinduism, Sikhism, Buddhism, Confucianism, Daoism, and Shinto.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** BN, WB.


**Grading Status:** Letter grade.

**Same as:** RELI 183.

### ASIA 211. The Silk Road: Markets, Metaphysics, and Music. 3 Credits.

This course examines interactions across the Eurasian continent between Russians, Chinese, Mongolian nomads, Arabs, and Europeans during the last millennium and a half as empires rose and religions, trade, and cultures flowed across this vast space. While we will treat the Silk Road as one entity, there were actually three distinct Silk Roads.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

### ASIA 228. Contested Souls: Literature, the Arts, and Religious Identity in Modern India. 3 Credits.

An analysis of how historical interactions between Hinduism and Islam have inspired the creation of philosophies and great works of literature and art that continue to inform Indian society today.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

### ASIA 229. Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures. 3 Credits.

Youth subcultural practices studied across East Asia. Course examines how young people create meaningful social worlds, from cosplay to skateboarding to video gaming communities. Considers how changes in consumerism, body image, education, and family produce a volatile landscape for youth along the Pacific Rim.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

### ASIA 231. Bollywood Cinema. 3 Credits.

This course explores the development of the Indian cinema, with particular emphasis on the Hindi-Urdu films produced in Mumbai (Bollywood).

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

### ASIA 233. Drugs, Sex, and Sovereignty in East Asia, 1800-1945. 3 Credits.

East Asia's thousand-year superiority in global trade was lost when Britain began illegally selling massive amounts of opium in the 18th century, causing cultural and political changes in Japan and China. This course will analyze these changes in terms of sexuality and political sovereignty from 1800 until World War II.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**ASIA 235. Israeli Cinema: Gender, Nation, and Ethnicity. 3 Credits.**

The course explores major periods and trends in Israeli cinema. Focus is given to issues pertaining to gender, ethnicity, and the construction of national identity. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, BN, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 235, PWAD 235.

**ASIA 240. Performance in Southeast Asia: Gongs, Punks, and Shadow Plays. 3 Credits.**

The study and comparison of contemporary Southeast Asian performance genres (music, theatre, dance, ritual) in historical and cultural contexts.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** MUSC 240.

**ASIA 252. Popular Culture in Modern Southeast Asia. 3 Credits.**

This course examines popular culture in Southeast Asia as a response to colonialism, nationalism, modernization, the state, and globalization. Topics include theater, film, pop songs, television, rituals, and the Internet.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**Same as:** CMPL 252.

**ASIA 255. The Feast in Film, Fiction, and Philosophy. 3 Credits.**

Comparative and interdisciplinary study of feasting and its philosophical underpinnings, with special attention to the multiple purposes and nuances of food and feasting in literature, film, and the visual arts. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** CMPL 255.

**ASIA 256. Love in Classical Persian Poetry. 3 Credits.**

We will examine the binaries of sacred and profane love, transgression and the law, self and the other, human diversity and inclusiveness in classical Persian poetry. We will explore the intersections of class, gender, sexuality, religion, etc. We will explore the poems inside their historical, cultural, and social contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, CI, WB.

**Grading Status:** Letter grade.

**Same as:** CMPL 256.

**ASIA 258. Iranian Prison Literature. 3 Credits.**

This course explores literature written in prisons, particularly under the Islamic Republic. Students will read documents to understand human rights (and violations thereof) from a historical perspective. Since literature, film, philosophy, and theory offer invaluable perspectives, we will examine their contributions in the reflection on human rights in Iran's prisons.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER, COMMBEYOND.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** CMPL 258.

**ASIA 260. Languages of Southeast Asia. 3 Credits.**

This course surveys languages spoken in Southeast Asia, an area rich in linguistic diversity, which is home to more than five distinct language families and well over 1,000 individual languages. Students will investigate the languages—in situ and in the diaspora—through the lens of descriptive linguistics, and will explore the social, cultural, and political aspects of languages in the region. This course is appropriate for students with an interest in linguistics or in Southeast Asia.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**Same as:** LING 260.

**ASIA 261. India through Western Eyes. 3 Credits.**

Examines Western views of India and Indian culture and how these views differ from the way Indians in India and Indian immigrants in the West understand themselves and express their relationship to India through novels and travelogues.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**Same as:** CMPL 261.

**ASIA 262. Nation, Film, and Novel in Modern India. 3 Credits.**

Focus on how modern Indian writers and filmmakers have represented the creation of an Indian national identity through such historical periods as British colonialism, the Rebellion of 1857, the Indian Independence Movement, the Partition, and the eras of national integration and globalization.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**ASIA 265. Eastern Asia. 3 Credits.**

Spatial structure of population, urbanization, agriculture, industrialization, and regional links in China, Japan, and Korea. (Regional)

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GEOG 265.

### ASIA 267. South Asia. 3 Credits.

Introduces students to the geography of South Asia, including an overview of the physical environment, cultural practices, and economic development. Emphasizes the political geography of South Asia and political and social processes such as nationalism and colonialism that have played a formative role in the region.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**Same as:** GEOG 267.

### ASIA 272. Modern South Asia. 3 Credits.

Provides students with a critical understanding of the political, economic, and social dynamics of contemporary South Asia. Themes explored include the development (or lack of) democratic structures, continuing relevance of caste and religion, emergence of right wing movements, contesting representations of the past, and the prospects and challenges confronting the region.

#### Rules & Requirements

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 272.

### ASIA 276. The Modern Middle East. 3 Credits.

This course introduces students to the recent history of the Middle East, including a comparison of the Middle East to the United States.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 276.

### ASIA 277. The Conflict over Israel/Palestine. 3 Credits.

Explores the conflict over Palestine during the last 100 years. Surveys the development of competing nationalisms, the contest for resources and political control that led to the partition of the region, the war that established a Jewish state, and the subsequent struggles between conflicting groups for land and independence.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 277, PWAD 277.

### ASIA 279. Islamic Law, Ethics, and Practice. 3 Credits.

This course provides an introduction to Islamic law in its connection to religious ethics and diverse ritual practices, both in the premodern and modern periods, and through an analysis of local contexts and global flows of ideas and practices that determine what is considered "Islamic" about laws, ethics, and practices.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 279.

### ASIA 280. Hindu Gods and Goddesses. 3 Credits.

This course focuses on the ways Hindu gods and goddesses are experienced in South Asia through analysis of literary works, including texts, film, comic books, performance, and ethnography. We will also examine key Hindu concepts (dharma, karma, and caste) in Hindu religious narratives. Honors version available.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 280.

### ASIA 281. The Pacific War, 1937-1945: Its Causes and Legacy. 3 Credits.

An examination of the origins of the Pacific War, the course of this bitter and momentous conflict, and its complex legacy for both Asia and the United States.

#### Rules & Requirements

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 281, PWAD 281.

### ASIA 282. China in the World. 3 Credits.

This course explores the evolution of China as a geopolitical entity from global perspectives, 1350 to the present.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 282.

### ASIA 283. Chairman Mao's China in World History. 3 Credits.

To put the recent transformation of the People's Republic of China in context, the course examines the different facets of Maoism that governed the country in its early years. It highlights Maoism as a global force that paved the way for China's re-integration into the world order.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 283.

### ASIA 284. The Buddhist Tradition: East Asia. 3 Credits.

An examination of the development of Buddhism after its importation to East Asia.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** BN, WB.


**Grading Status:** Letter grade.

**Same as:** RELI 284.

 **ASIA 285. The Buddhist Tradition: Southeast Asia and Sri Lanka. 3 Credits.**

This course explores the Theravada school of Buddhism and themes in the social, cultural, and political lives of the Theravada Buddhist countries of Southeast Asia and Sri Lanka.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** BN, CI.

**Grading Status:** Letter grade.

**Same as:** RELI 285.

**ASIA 287. Modern Japan. 3 Credits.**

Covering the period from 1600 to 1900, this course examines the causes and impact of the Meiji Restoration of 1868, which marked the start of modern Japan.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 287.

**ASIA 288. Japan in the 20th Century. 3 Credits.**

Topics include the Japanese Empire, the road to the Pacific War, defeat, the Allied occupation, Japan's recovery from war, and development into a democracy and the world's second largest economy.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.


**Grading Status:** Letter grade.

**Same as:** HIST 288.

 **ASIA 300. The Buddhist Tradition: India, Nepal, and Tibet. 3 Credits.**

Examines the diverse beliefs, practices, and cultures associated with Buddhism in the Himalayan regions of India, Nepal, and Tibet. Topics include Buddhism's development and spread, the cultural dynamics of Himalayan societies, monasticism, folk religion, revivalism, tourism, gender, globalization, and the role of the state in shaping Buddhist life and culture.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 283.

 **ASIA 301. Premodern Japanese Religions. 3 Credits.**

Historical survey of the major premodern religious traditions in Japan: Shinto, Buddhism, Shugendō, and Christianity.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 286.

 **ASIA 302. Modern Japanese Religions. 3 Credits.**

Survey of the major religious traditions in modern and contemporary Japan: Shinto, Buddhism, and the New Religions.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 287.

 **ASIA 303. Chinese Religions. 3 Credits.**

Historical introduction to Chinese religions: Confucianism, Daoism, Buddhism, and folk religion.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 288.

**ASIA 304. Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia. 3 Credits.**

Which of the following would you consider potentially political issues: celibacy; semen retention; body-building; depiction of gods/goddesses; or bomb making? Well, they all are. This course examines debates over sex, religion, and violence that constituted a key part of revolutionary thought and anti-colonial struggles in modern South Asia.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 331.

 **ASIA 329. Middle East Women Writers. 3 Credits.**

We examine works written by Middle Eastern women. We will begin with reading speeches and short stories in the 1860s. We will focus on topics such as Middle Eastern women and feminism and the West; women and nationalism; women and colonialism; women and patriarchy; women, sexuality, and religion.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** LA, CI, GL.

**Grading Status:** Letter grade.

**Same as:** WGST 329.

 **ASIA 330. Melancholy Japan: Myth, Memory, and Everyday Life. 3 Credits.**

Ethnographic study of the profound social and cultural transformations that accompanied the capitalist modernization of Japan. Considers the emergence of native ethnology and state interventions into everyday life.

**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN, CI.

**Grading Status:** Letter grade.

**Same as:** ANTH 330.



 **ASIA 331. Cracking India: Partition and Its Legacy in South Asia. 3 Credits.**

What happened when the British carved Pakistan out of the predominately Muslim corners of India? Readings and films focus on the causes and consequences of this event, the Partition of India. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** HS, BN, GL.


**Grading Status:** Letter grade.

**Same as:** PWAD 331, HIST 335.

 **ASIA 332. The Story of Rama in India. 3 Credits.**

Centered on the story of the Hindu god Rama, this course explores Valmiki's Ramayana, alternate versions of the story, its performance in theatre, and its role in politics. Students may not receive credit for both ASIA 332 and ASIA 382.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **ASIA 333. The Mahabharata: Remembered and Reimagined. 3 Credits.**

Introduction to Vyasa's Mahabharata as well as adaptations of the story in literature, theater, and film. Students may not receive credit for both ASIA 333 and ASIA 383.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

 **ASIA 350. The Asian American Experience. 3 Credits.**

The course addresses the history and sociology of Asian immigration and experience in the United States, as well as the formation of diasporic identities among Asian Americans.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** AMST 352.

 **ASIA 353. Southeast Asian North Carolina. 3 Credits.**

Drawing from Asian American Studies and Asian Studies, the course explores the political histories and lived experiences of Southeast Asians and Southeast Asian Americans in North Carolina. Students will consider issues relevant to NC Southeast Asian communities such as food justice, labor organizing, mental health support, anti-racism work, transnational connections, etc. Course materials will include both written academic works and first-person narrative accounts from local community members.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**Same as:** AMST 353.

 **ASIA 358. Religion and Tradition in Israeli Cinema, TV, and Literature. 3 Credits.**

This research-intensive course focuses on the ways religion and religious practices are represented in Israeli literature and media. The greater part of the semester will explore the variety of religious traditions in Israel within the framework of Zionist thought, gender and sexuality issues, and ethnic differences.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** LA, BN, CI.


**Grading Status:** Letter grade.

**Same as:** JWST 358.

 **ASIA 359. Literary Diasporas of the Middle East. 3 Credits.**

Analyzing the relationship between the diaspora communities and their new surroundings by drawing on theories of migration, narration, and identity, we will examine the literature born out of this discourse. We will shed light on the historical, cultural, and aesthetic value of this literary production in the Middle East.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** CMPL 359.

 **ASIA 360. Contemporary Asian American Literature and Theory. 3 Credits.**

This course will explore contemporary Asian American literature and theory and will examine how Asian American literature fits into, yet extends beyond, the canon of American literature.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**Same as:** ENGL 360.

**ASIA 365. Chinese Diaspora in the Asia Pacific. 3 Credits.**

This course is an examination of the histories, social organization, and cultures of the Chinese diaspora in the Asia-Pacific region, focusing on contemporary issues in the cultural politics and identities of "overseas Chinese." Previously offered as ANTH/ASIA 578.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, CI, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 365.

**ASIA 375. Memory, Massacres, and Monuments in Southeast Asia. 3 Credits.**


The past in Southeast Asia's present, focusing on global, national, and local processes; individual and collective memory; and the legacies of violent death.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 375.

 **ASIA 379. Cowboys, Samurai, and Rebels in Film and Fiction. 3 Credits.**

Cross-cultural definitions of heroism, individualism, and authority in film and fiction, with emphasis on tales or images that have been translated across cultures. Includes films of Ford, Kurosawa, and Visconti. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** CMPL 379.

 **ASIA 380. Almost Despicable Heroines in Japanese and Western Literature. 3 Credits.**

Authors' use of narrative techniques to create the separation between heroines and their fictional societies and sometimes also to alienate readers from the heroines. Austen, Flaubert, Ibsen, Arishima, Tanizaki, Abe.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**Same as:** CMPL 380, WGST 380.

**ASIA 381. Religions of South Asia. 3 Credits.**


Exploration of the major religious traditions of South Asia. Focuses on the beliefs and practices associated with different traditions, and the ways that these relate to one another and to broader political, historical, and cultural formations. Also addresses questions of modernization, reform, communal violence, and other transformations of religious life.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 381.

 **ASIA 382. The Story of Rama in Indian Culture--Experiential. 3 Credits.**

Explores Valmiki's Ramayana (story of the Hindu god Rama), alternate versions of the story, its performance in theater, and its role in politics. Students work outside of class to stage scenes from the Ramayana, open to the public. Students may not receive credit for both ASIA 332 and ASIA 382.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING, HI-PERFORM.

**Making Connections Gen Ed:** LA, BN, EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** RELI 382.

 **ASIA 383. The Mahabharata: Remembered and Reimagined--Experiential. 3 Credits.**

Introduction to the classical Mahabharata as well as modern retellings of the epic in contemporary literature, film, and theater of India. Students work outside class to stage one or more scenes from the Mahabharata, open to the public. Students may not receive credit for both ASIA 333 and ASIA 383.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** LA, BN, EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** RELI 383.

**ASIA 384. Religion and Globalization in Southeast Asia. 3 Credits.**

How does globalization affect religious life? How do historical, cultural, and religious traditions mediate the experience of globalization in particular locales? This course analyzes the forces and practices associated with political-economic and cultural globalization in Southeast Asia and explores the religious transformations and innovations that these processes have inspired.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 384.

**ASIA 386. Dance and Embodied Knowledge in the Indian Context. 3 Credits.**


In this theory-practice course focusing on religion, performance, and South Asian studies we will analyze the nature of embodied knowledge, aesthetic theory, and the creative power of dance performance in the Indian context. The course also includes a practical component involving embodied experience with Indian classical dance forms.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 386, COMM 386.

 **ASIA 387. Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture. 3 Credits.**

This course offers an introduction to the history and practice of East Asian martial arts. We will explore the social, political, and cultural contexts of the martial arts, from the classical period to the present. Integral to this course is a practical component involving embodied experience with martial arts training.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING, HI-PERFORM.

**Making Connections Gen Ed:** BN, EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** RELI 387, COMM 387.

**ASIA 390. Seminar in Asian Studies. 3 Credits.**

When offered, the topic will vary with the instructor. The class will be limited to a seminar size.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### ASIA 425. **Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music.** 3 Credits.

Focuses on the various collaborations, exchanges, and mutual enrichment between Israelis and Palestinians in the realm of culture, particularly literature and cinema. These connections include language (Israeli Jewish authors writing in Arabic and Palestinian writers who choose Hebrew as their language of expression), collaborating in filmmaking, and joint educational initiatives.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.


**Grading Status:** Letter grade.

**Same as:** PWAD 425, JWST 425.

### ASIA 427. **Cold War Culture in East Asia: Transnational and Intermedial Connections.** 3 Credits.

This course introduces students to the specific contours that the Cold War accrued in East Asia. Focusing on literature and film, it explores what the fall of the Japanese Empire and the emergence of the post-1945 world meant across the region.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** LA, BN, CI.


**Grading Status:** Letter grade.

**Same as:** CMPL 527, PWAD 427.

### ASIA 429. **Culture and Power in Southeast Asia.** 3 Credits.

The formation and transformation of values, identities, and expressive forms in Southeast Asia in response to forms of power. Emphasis on the impact of colonialism, the nation-state, and globalization.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 429, FOLK 429.

### ASIA 431. **Persian Sufi Literature.** 3 Credits.

This course aims to explore Persian Sufism, its foundation, Sufi practices and doctrines, and Sufi themes in literature. By looking at its development, we will examine the nature of Sufism, the controversies and debates, and the influence of Sufism on the literary dimension of the Islamic world.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, CI, GL.

**Grading Status:** Letter grade.

### ASIA 435. **The Cinemas of the Middle East and North Africa.** 3 Credits.

This course explores the social, cultural, political, and economic contexts in which films are made and exhibited and focuses on shared intra-regional cinematic trends pertaining to discourse, aesthetics, and production.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 435, CMPL 535.

### ASIA 436. **Language, Exile, and Homeland in Zionist Thought and Practice.** 3 Credits.

Employing Zionist and post- and anti-Zionist documents, treatises, and mostly literary and cinematic texts, this class will focus on the relations between language, Jewish-Israeli identity, and the notion of homeland. Previously offered as HEBR 436.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 436.

### **ASIA 440. Gender in Indian History.** 3 Credits.

An analysis of the roles of women and men in Indian societies from the early to the modern periods. Topics include the cultural construction of gender and sexuality; beauty and bodily practices; gender and religion; gender and politics; race, imperialism, and gender. Previously offered as HIST/ASIA 556.

#### Rules & Requirements

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 440.

### **ASIA 441. Religion, Co-existence, and Conflict in Pre-Colonial India.** 3 Credits.

This course traces the fascinating history of material, cultural, and theological exchanges and conflicts between individuals belonging to two of the world's major religions: Hinduism and Islam. Throughout the course we will also analyze how modern commentators have selectively used the past to inform their understandings of the present. Previously offered as HIST/ASIA 555.

#### Rules & Requirements

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 442.

**ASIA 442. Postcolonial Literature of the Middle East. 3 Credits.**

This course introduces students to postcolonial literature and theory. The main focus in the course is on literary texts and literary analysis. However, we will use postcolonial theory to engage critically with the primary texts within a postcolonial framework. We will explore language, identity, physical and mental colonization, and decolonization.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL, RESEARCH.

**Making Connections Gen Ed:** LA, CI, GL.

**Grading Status:** Letter grade.

**Same as:** CMPL 442.

**ASIA 445. Asian Religions in America. 3 Credits.**

A study of intercultural interaction and interreligious encounter focusing on Asian religions in America, 1784 to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, US.

**Grading Status:** Letter grade.

**Same as:** RELI 445.

**ASIA 447. Gender, Space, and Place in the Middle East. 3 Credits.**

Examines gender, space, and place relationships in the modern Middle East. Investigates shifting gender geographies of colonialism, nationalism, modernization, and globalization in this region. (GHA)

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GEOG 447, WGST 447.

**ASIA 453. Global Shangri-La: Tibet in the Modern World. 3 Credits.**

An examination of the history, society, and culture of modern Tibet and its imagination in the context of international politics and from a multidisciplinary perspective.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**ASIA 462. The Arab-Jews: Culture, Community, and Coexistence. 3 Credits.**

This course is designed to examine Jewish life in Arab lands in the last century by examining culture, language, and the communal life that the Arab-Jews shared with their neighbors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 462, PWAD 462.

**ASIA 469. Asian Economic Systems. 3 Credits.**

This course provides an in-depth examination of the behavioral principles and performances of five core Asian economic systems: Japan, China, Taiwan/South Korea, North Korea and Thailand.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Requisites:** Prerequisites, ECON 400, and 310 or 410; a grade of C or better in ECON 400, and 310 or 410 is required.

**Grading Status:** Letter grade.

**Same as:** ECON 469.

**ASIA 471. Gender and Sexuality in Middle Eastern Literature. 3 Credits.**

We examine gender and sexuality in literature written by various authors from the Middle East. Our discussions will focus on the significance of sexuality, harems, same-sex desire and homosexuality, construction of female sexuality, masculinity, contraception and abortion, the institution of marriage, gay/lesbian underground subcultures, and social media as sexual outlet.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** LA, CI, GL.

**Grading Status:** Letter grade.

**Same as:** WGST 471.

**ASIA 482. Sex, Gender, and Religion in South Asia. 3 Credits.**

This seminar draws on feminist and philosophical theory, including the works of Plato, Butler, and Foucault, as well as postcolonial theory, to explore the categories of sex and gender in South Asian religions. We also analyze the moral cultivation of the self in relation to gender identity in South Asia.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 482, WGST 482.

**ASIA 483. Cross-Currents in East-West Literature. 3 Credits.**

The study of the influence of Western texts upon Japanese authors and the influence of conceptions of "the East" upon Western writers. Goldsmith, Voltaire, Soseki, Sterne, Arishima, Ibsen, Yoshimoto, Ishiguro.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** CMPL 483.

**ASIA 485. Gender and Sexuality in Islam. 3 Credits.**

This course approaches constructions of gender and sexuality in Muslim societies in diverse historical and geographical contexts. It focuses on changing interpretations of gender roles and sexual norms. Themes include gender in Islamic law, sexual ethics, masculinity, homosexuality, marriage, and dress.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER, RESEARCH.

**Making Connections Gen Ed:** BN, CI.

**Grading Status:** Letter grade.

**Same as:** RELI 485.

**ASIA 486. Islam and Feminism/Islamic Feminism. 3 Credits.**

This course explores Muslim women scholars, activists, and movements that have, over the course of the past 150 years, participated in the debate about the compatibility and relationship of Islam and feminism. It offers an introduction to feminist debates about religion and patriarchy focusing on Islam as 'other' and juxtaposes its critical analysis of contextual expressions of Muslim and Islamic feminist activists, thinkers, and movements that challenge and change gender norms and practices.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** RELI 486.

**ASIA 487. Mountains, Pilgrimage, and Sacred Places in Japan. 3 Credits.**

This course explores the role that mountains and pilgrimage have played in Japanese cosmology and how they relate to methodology of studying place and space.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, CI.

**Grading Status:** Letter grade.

**Same as:** RELI 487.

**ASIA 488. Shinto in Japanese History. 3 Credits.**

This course discusses the development of Shinto in Japanese history and covers themes such as myths, syncretism, sacred sites, iconography, nativism, religion and the state, and historiography.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, CI, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 488.

**ASIA 489. Animals in Japanese Religion. 3 Credits.**

Permission of the instructor. This course examines the cultural construction of animals in Japanese myth, folklore, and religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 489.

**ASIA 490. Advanced Topics in Asian Studies. 1-4 Credits.**

The course topic will vary with the instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 3 total completions.

**Grading Status:** Letter grade.

**ASIA 496. Independent Readings. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue a project in Asian studies under the supervision of a selected instructor. Course is limited to three credit hours per semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ASIA 522. Beauty and Power in the Classical Indian World. 3 Credits.**

This course combines readings in representative literary cultures in Sanskrit and several other literary languages from India's classical period in translation, emphasizing poetry and related aesthetic theories, with scholarly readings on Sanskrit poetics, and the literary history of the period. Seminar format.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**ASIA 536. Revolution in the Modern Middle East. 3 Credits.**

This course will focus on revolutionary change in the Middle East during the last century, emphasizing internal social, economic, and political conditions as well as international contexts.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** HIST 536.

**ASIA 537. Women in the Middle East. 3 Credits.**

Explores the lives of women in the Middle East and how they have changed over time. Focus will change each year.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 537, WGST 537.

**ASIA 538. The Middle East and the West. 3 Credits.**

This course explores changing interactions between the Middle East and the West, including trade, warfare, scientific exchange, and imperialism, and ends with an analysis of contemporary relations in light of the legacy of the past.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** HIST 538.

**ASIA 539. The Economic History of Southeast Asia. 3 Credits.**

This course is intended as a broad overview of Southeast Asian economic history from premodern times to the present day.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** HIST 539.

**ASIA 545. The Politics of Culture in East Asia. 3 Credits.**

Examines struggles to define culture and the nation in 20th-century China in domains like popular culture, museums, traditional medicine, fiction, film, ethnic group politics, and biography and autobiography.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 545.

**ASIA 557. Fiction and History in India. 3 Credits.**

This course examines the histories, representations, and cultural perceptions surrounding bandits and rebels in modern India. The representations of bandits and rebels are studied in the light of the emergence of nationalism, shifting notions of gender and masculinity, race relations, and emergence of capitalist structures.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 557.

**ASIA 570. The Vietnam War. 3 Credits.**

A wide-ranging exploration of America's longest war, from 19th-century origins to 1990s legacies, from village battlegrounds to the Cold War context, from national leadership to popular participation and impact.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 570, PWAD 570.

**ASIA 574. Chinese World Views. 3 Credits.**

Explores the indigenous Chinese sciences and the cosmological ideas that informed them. Topics include astronomy, divination, medicine, fengshui, and political and literary theory. Chinese sources in translation are emphasized.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ANTH 574, RELI 574.

**ASIA 581. Sufism. 3 Credits.**

Permission of the instructor. A survey of Islamic mysticism, its sources in the Qur'an and the Prophet Muhammad, and its literary, cultural, and social deployment in Arab, Persian, Indic, and Turkish regions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 581.

**ASIA 582. Islam and Islamic Art in South Asia. 3 Credits.**

A survey of the formation of Islamic traditions in the subcontinent from the eighth century to the present, with emphasis on religion and politics, the role of Sufism, types of popular religion, and questions of Islamic identity.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 582.

**ASIA 583. Religion and Culture in Iran, 1500-Present. 3 Credits.**

Iran from the rise of the Safavid empire to the Islamic Republic. Topics include Shi'ism, politics, intellectual and sectarian movements, encounters with colonialism, art and architecture, music, literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 583.

**ASIA 584. The Qur'an as Literature. 3 Credits.**

A nontheological approach to the Qur'an as a literary text, emphasizing its history, form, style, and interpretation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 584.

**ASIA 587. Islam and Sexual Diversity. 3 Credits.**

This course explores sexual norms and practices in Muslim contexts in the premodern and modern periods. It considers theories from sexuality, gender, and queer studies, and focuses on the contextual production of sexual norms, going beyond the sex and gender binary, and reflecting on a diverse range of sexual practices in Muslim communities and societies, analyzing concepts such as power, pleasure, control, as they are mapped onto and lived in diverse Muslim bodies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 587.

**ASIA 681. Readings in Islamicate Literatures. 3 Credits.**

Permission of the instructor. Study of selected religious, literary, and historical texts in Arabic, Persian, or Urdu.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** RELI 681, ARAB 681.

**ASIA 682. Contemporary Chinese Society. 3 Credits.**

Presents recent anthropological research on the People's Republic of China. In addition to social sciences sources, fictional genres are used to explore the particular modernity of Chinese society and culture.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ANTH 682.

**ASIA 691H. Senior Honors Thesis I. 3 Credits.**

Permission of the department. Required for honors students in Asian studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ASIA 692H. Senior Honors Thesis II. 3 Credits.**

Permission of the department. Required for honors students in Asian studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## ARAB–Arab World (in English) Undergraduate-level Courses

**ARAB 150. Introduction to Arab Cultures. 3 Credits.**

Introduction to the cultures of the Arab world and of the Arabs in diasporas: art, literature, film, music, food, history, etc.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**ARAB 151. Arabic Literature through the Ages. 3 Credits.**

Introduces the rich literary heritage of the Arabic language from pre-Islamic to modern times and covers major genres. Emphasis on critical thinking, literary analysis, and academic writing.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**ARAB 255. Arab World Photography. 3 Credits.**

Introduces students to the practice of photography in the Arab world, beginning with Orientalist photography by European travelers and early Arab portraiture, and then addressing photography in relation to self expression and recent social and political circumstances. What types of images do people in the region make for themselves and to what purpose? Students will read extensively about photography and the Arab world, view and discuss images, complete short photo assignments, and write papers.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARAB 337. Borders and Walls in the Arab World. 3 Credits.**

Can art, film, and literature undo cultural, social, and political divisions created by borders and walls in the Arab world?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ARAB 350. Women and Leadership in the Arab World. 3 Credits.**

A service-learning, study abroad course focusing on women and leadership in the Arab world. Topics include women and religion, family, community and selfhood, citizenship and legal rights, and politics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**ARAB 354. Everyday Lives in the Middle East: Anthropological Perspectives. 3 Credits.**

The course introduces students to patterns of everyday life in the contemporary Middle East. From an anthropological perspective the course explores a variety of topics such as gender, religion, politics, the economy, urban life, and popular culture.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ANTH 354.

**ARAB 434. Modern Arabic Literature in Translation. 3 Credits.**

We will study fiction from several countries in the Arab world with a particular emphasis on recent works. This literature has arisen out of the lived experiences of people in the Arab world, but each work creates a world of its own. What strategies do writers use for this world-making? What relationships might exist between these fictional worlds and their writing contexts? Who is addressed by these works? Previously offered as ARAB 334.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

**ARAB 453. Film, Nation, and Identity in the Arab World. 3 Credits.**

Introduction to history of Arab cinema from 1920s to present. Covers film industries in various regions of the Arab world and transnational Arab film. All materials and discussion in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, BN.


**Grading Status:** Letter grade.

## CHIN–China (in English) Undergraduate-level Courses

### CHIN 150. Introduction to Chinese Civilization. 3 Credits.

A course designed to introduce students to the Chinese world of past and present. Chinese civilization is explored from a variety of perspectives: political, social, cultural, intellectual, and economic.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

### CHIN 242. Chinese Qin Music. 3 Credits.

This course offers students an opportunity to learn the aesthetics, culture, and history of qin, and study the music through learning the beginning levels of qin pieces.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** VP, BN, EE- Performing Arts.

**Grading Status:** Letter grade.

### CHIN 244. Introduction to Modern Chinese Culture through Cinema. 3 Credits.

This course uses select feature and documentary films, supplemented by texts of critical and creative literature, to introduce students to a broad overview of modern China since the mid-19th century, focusing on the major events that have shaped a turbulent course of decline, revolution, and resurgence.

#### Rules & Requirements

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

### CHIN 252. Introduction to Chinese Culture through Narrative. 3 Credits.

This course shows how Chinese historical legends define and transmit the values, concepts, figures of speech, and modes of behavior that constitute Chinese culture.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** LA, BN, WB.

**Grading Status:** Letter grade.

### CHIN 253. Chinese Language and Society. 3 Credits.

Chinese language in social, cultural, historical, and political contexts in China. Topics include basic linguistic features, dialects, writing, literacy, and language reform in the era of modernization and globalization.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Requisites:** Prerequisite, CHIN 102 or 111.

**Grading Status:** Letter grade.

### CHIN 255. Bandit or Hero: Outlawry in Chinese Literature and Films. 3 Credits.

This course explores the idea of outlaws as hero in the 16th-century kung-fu novel *Outlaws of the Marsh* and its influence on modern kung-fu and gangster films.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

### CHIN 346. History as Fiction or Fiction as History? Early Chinese History in Film and Literature. 3 Credits.

Through analysis of the role movies play in the formation of popular perceptions of the past, this course provides an introduction to the history of the Qin and Han dynasties.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

### CHIN 356. Chinese Environmental Literature. 3 Credits.

Introduces students to Chinese and Taiwanese cultural understandings of human relations to the natural environment. Analyzes classical and modern environmental literature (poetry, essays, fiction, and philosophy) and evaluates how contemporary building practices, governmental policies, and green technologies may be influenced by diverse Chinese philosophical traditions.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

### CHIN 361. Chinese Traditional Theater. 3 Credits.

This course introduces traditional Chinese theater from its earliest development to modern times by examining the interrelation of its elements—music, dance, poetry, and illustration—with performance footage, visual art, and dramatic texts.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, BN, WB.

**Grading Status:** Letter grade.

### CHIN 367. Illustration and the Animation of Text. 3 Credits.

This course examines illustration as both a form of literary criticism and a narrative tradition in its own right.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.



## Advanced Undergraduate and Graduate-level Courses

### CHIN 463. Narrative Ethics in Modern China. 3 Credits.

By exploring intersections of the narrative and the normative, this course considers relations between text, ethics, and everyday life in 20th-century China by reading texts on aesthetics.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING or FC-VALUES.


**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

### CHIN 464. The City in Modern Chinese Literature and Film. 3 Credits.

This course analyzes historical changes of the city through examining the individual, national, and global identity of Shanghai, Beijing, Taipei, and Hong Kong as reflected in their histories, politics, built environment, ethos, language, and culture.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

### CHIN 545. Chinese Science Fiction. 3 Credits.

This research seminar contextualizes the contemporary explosion of Chinese science fiction within modern Chinese intellectual history and SF studies worldwide. We read globally influential novels such as *The Three-Body Problem* and trace several waves of the genre's century-long evolution within Chinese literature. We ask how threats of global annihilation, the exhaustion of environmental resources, discoveries in virology, epigenetics, and innovations in cybernetics intersect with global development, climate migration, decolonization, and structures of race and class.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-GLOBAL, RESEARCH.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** CMPL 545.

### CHIN 551. Chinese Poetry in Translation. 3 Credits.

Selected topics in Chinese poetry concentrating on one period or one genre.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

### CHIN 552. Chinese Prose in Translation. 3 Credits.

Selected topics in Chinese fiction, historical writing, and prose belles lettres, concentrating on one period or one genre.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH.


**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

### CHIN 562. Contemporary Chinese Urban Culture and Arts. 3 Credits.

This course analyzes contemporary Chinese urban art, architecture, cinema, and fiction to elucidate dynamics between the built environment and subjectivity. Students analyze how social, economic, and political factors shape environments, and debate whether new urban spaces create social conflict or new civil possibilities.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

## HEBR–Israel (in English)

### Advanced Undergraduate and Graduate-level Courses

### HNUR–India/Pakistan (in English)

### Advanced Undergraduate and Graduate-level Courses

#### HNUR 592. Religious Conflict and Literature in India. 3 Credits.

Historical causes of violence between Hindus and Muslims in modern India. Short stories, poetry, and novels in translation are used to explore how conflicts over religious sites, religious conversion, image worship, and language contributed to a sense of conflicting religious identity.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 592.

## JAPN–Japan (in English)

### Undergraduate-level Courses

#### JAPN 160. Introduction to Japanese Literature in Translation. 3 Credits.

The major genres, aesthetic concepts, and classic and modern works of Japanese literature in English translation.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

#### JAPN 162. Japanese Popular Culture. 3 Credits.

This course will examine how and why Tokyo emerged as a dominant locale in global mass culture. Students will be introduced to major figures and genres in Japanese pop culture.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

### JAPN 231. Ancient and Medieval Japanese History and Culture. 3 Credits.

This course surveys Japanese history and cultural development from the prehistoric period, rich with archaeological evidence, to the reunification of Japan in the late sixteenth century. One major topic is the mythology or and historical evidence for early state formation, including the role that Japan's long "unbroken" history plays in modern debates about national identity, xenophobia, and relations with regional neighbors. Another focus is the emergence of women's literature.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 271.

### JAPN 246. Early Modern Japanese History and Culture. 3 Credits.

From the 1603 establishment of the Tokugawa Shogunate to the Meiji Restoration of 1868, Japan was ruled by the Tokugawa family in an unusual early modern federation, with a balance of power between the warrior government in Edo and the domainal governments spread across the archipelago. This resemblance of this system to the U.S. balance between federal and state power frames our examination of the early modern period.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 247.

### JAPN 277. Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present. 3 Credits.

Tokyo, Japan, became the center of global pornographic culture after the United States occupation ended in 1952. This course will use film, animation, and historical texts to try to understand how and why this happened. Moreover, we will identify how this phenomenon impacted the lives of Japanese men and women.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

### JAPN 375. The Culture of Modern, Imperial Japan, 1900-1945. 3 Credits.

This course will examine the various expressions of cultural modernity in Japan with a focus on film, literature, and popular culture from 1900 to the end of the Pacific War.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### JAPN 451. Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture. 3 Credits.

This course surveys Japanese material culture. Each week we will examine a different genre of visual or material culture in terms of its production, circulation through time and space, and modern deployment in narratives of national identity. This course includes regular engagement with the Ackland Art Museum at UNC.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** HS, EE- Field Work.

**Grading Status:** Letter grade.

### JAPN 482. Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan. 3 Credits.

Explores Japanese culture and society through investigating changing concepts of the human body. Sources include anthropological and history materials, science fiction, and film.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

### JAPN 563. Structure of Japanese. 3 Credits.

Introductory linguistic description of modern Japanese. For students of linguistics with no knowledge of Japanese and students of Japanese with no knowledge of linguistics.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, JAPN 102 or LING 101.

**Grading Status:** Letter grade.

**Same as:** LING 563.

## KOR—Korea (in English) Undergraduate-level Courses

### KOR 150. History, Memory, and Reality in Contemporary Korea. 3 Credits.

This course will provide an introduction to Korean studies and examine contemporary issues in Korean society and culture through social and cultural movements, multiple genres of texts, and artistic manifestations.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

### KOR 151. Education and Social Changes in Contemporary Korea. 3 Credits.

This course will provide an introduction to Korean studies and examine contemporary issues in Korean society through policies and systems in education, social and cultural trends and phenomena, and globalism.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

 **KOR 232. Imagining the City in Modern Korea: Text, Image, Space. 3 Credits.**

This course introduces students to modern Korea through the lens of the city. It explores the changing shape of urban space on the Korean peninsula as well as the central role that visions of the city and of city life have played in the development of modern Korean literature, television, and film.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** CMPL 232.

 **KOR 237. Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures. 3 Credits.**

This course introduces students to the history of North and South Korean film and television through the lens of gender and sexuality. In so doing, it explores the multiple forms of the Korean self and the diverse shapes that Korean identity has taken across the modern and contemporary eras.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** CMPL 237, WGST 237.

 **KOR 327. Korean Diasporas. 3 Credits.**

This course will explore multiple contexts of the Korean diaspora such as historical, political, social, and educational contexts. Examines uniqueness and commonalities among various Korean diasporic communities around the world.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

 **KOR 346. Body Politics in Modern Korean Literature. 3 Credits.**

This course surveys twentieth- and early twenty-first-century Korean literature through the lens of representations of the body. Bringing together works of fiction, poetry, drama, and secondary scholarship, it explores how modern Korean literature has imagined the body, defined its multiple natures and identities, and delineated its shifting boundaries. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** CMPL 246.

## ARAB–Arabic (Language Courses) Undergraduate-level Courses

**ARAB 101. Elementary Arabic I. 4 Credits.**

First semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes Arabic script, basic grammar and vocabulary, and culturally relevant activities.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**ARAB 102. Elementary Arabic II. 4 Credits.**

Second semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes expanded grammar and vocabulary and culturally relevant activities.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, ARAB 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

 **ARAB 203. Intermediate Arabic I. 4 Credits.**

Third semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes expanded grammar and vocabulary, and culturally relevant activities.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLOBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, ARAB 102.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**ARAB 204. Intermediate Arabic II. 4 Credits.**

Fourth semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes expanded grammar and vocabulary, and culturally relevant activities.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, ARAB 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**ARAB 300. Arabic Grammar and Composition. 3 Credits.**

Intensive grammar review and composition to improve accuracy and develop writing skills in Modern Standard Arabic.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, CI.

**Requisites:** Prerequisite, ARAB 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**ARAB 305. Advanced Arabic I. 3 Credits.**

Fifth semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes intensive reading of a variety of texts; films, oral presentations, and writing; extensive vocabulary development.

**Rules & Requirements**

**Requisites:** Prerequisite, ARAB 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**ARAB 306. Advanced Arabic II. 3 Credits.**

Sixth semester of Arabic language instruction, comprising both Modern Standard Arabic and one spoken dialect. Coursework includes intensive reading of a variety of texts; films, oral presentations, and writing; extensive vocabulary development.

**Rules & Requirements**

**Requisites:** Prerequisite, ARAB 305.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**ARAB 308. Arabic Languages across the Curriculum Recitation. 1 Credits.**

Arabic recitation offered in conjunction with selected content courses. Weekly discussion and readings in Arabic relating to attached content courses.

**Rules & Requirements**

**Requisites:** Prerequisite, ARAB 204.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ARAB 407. Readings in Arabic I. 3 Credits.**

Classical and/or modern readings in Arabic and discussions in conversational Arabic, according to the students' interest.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN, CI.

**Requisites:** Prerequisite, ARAB 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**ARAB 408. Readings in Arabic II. 3 Credits.**

Classical and/or modern readings in Arabic and discussions in conversational Arabic, according to the students' interest.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, ARAB 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**ARAB 496. Independent Readings in Arabic. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue an independent project in Arabic under the supervision of a selected instructor. Maximum three credit hours per semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ARAB 681. Readings in Islamicate Literatures. 3 Credits.**

Permission of the instructor. Study of selected religious, literary, and historical texts in Arabic, Persian, or Urdu.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** RELI 681, ASIA 681.

**CHIN—Chinese (Language Courses)****Undergraduate-level Courses****CHIN 101. Elementary Chinese I. 4 Credits.**

Introduction to Mandarin Chinese, focusing on pronunciation, simple conversation, and basic grammar. Reading and writing Chinese characters are also taught. Writing Chinese characters is required. Four hours per week. Students may not receive credit for both CHIN 101 or CHIN 102 and CHIN 111.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**CHIN 102. Elementary Chinese II. 4 Credits.**

Continued training in listening, speaking, reading, and writing on everyday topics. Writing Chinese characters is required. Four hours per week. Students may not receive credit for both CHIN 101 or CHIN 102 and CHIN 111.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CHIN 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**CHIN 111. Elementary Written Chinese. 3 Credits.**

For students who already understand and speak some Chinese; entry to this course is by placement only. The course focuses on reading and writing. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 101 or CHIN 102 and CHIN 111.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1 & 2 combined.

 **CHIN 203. Intermediate Chinese I. 4 Credits.**

Second-year level of modern standard Chinese. Writing Chinese characters is required. Four hours per week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CHIN 102.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**CHIN 204. Intermediate Chinese II. 4 Credits.**

Second-year level of modern standard Chinese. Writing Chinese characters is required. Four hours per week. Students may not receive credit for both CHIN 204 and CHIN 212.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CHIN 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

 **CHIN 212. Intermediate Written Chinese. 3 Credits.**

For students who already understand and speak some Chinese.

The training course focuses on reading and writing. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 204 and CHIN 212.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLOBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CHIN 111.

**Grading Status:** Letter grade.

**Global Language:** Level 3 & 4 combined.

**CHIN 305. Advanced Chinese I. 3 Credits.**

This course emphasizes the development of conversational skills and vocabulary building with readings on everyday topics. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 305 or CHIN 306 and CHIN 313.

**Rules & Requirements**

**Requisites:** Prerequisite, CHIN 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**CHIN 306. Advanced Chinese II. 3 Credits.**

This course emphasizes the development of conversational skills and vocabulary building with readings on everyday topics. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 305 or CHIN 306 and CHIN 313.

**Rules & Requirements**

**Requisites:** Prerequisite, CHIN 305.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**CHIN 308. Chinese Languages across the Curriculum Recitation. 1 Credits.**

In this Chinese-language seminar, students will apply and develop their proficiency in Chinese via weekly discussions on topics broadly related to modern China in Chinese studies courses they are taking or have taken. Students without this background may enroll with instructor permission. The specific topics for discussion will be determined by the LAC instructor and the students together on the first day of class. Not intended for native Chinese speakers.

**Rules & Requirements**

**Requisites:** Prerequisite, CHIN 212 or CHIN 305.

**Repeat Rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**CHIN 313. Advanced Written Chinese. 3 Credits.**

The third course for Chinese heritage students. Course materials correspond to those in CHIN 305 and CHIN 306. Writing Chinese characters is required. Three hours per week. Students may not receive credit for both CHIN 305 or CHIN 306 and CHIN 313.

**Rules & Requirements**

**Requisites:** Prerequisite, CHIN 212.

**Grading Status:** Letter grade.

**Global Language:** Level 5 & 6 combined.

**Advanced Undergraduate and Graduate-level Courses** **CHIN 407. Readings in Modern Chinese I. 3 Credits.**

Read authentic texts of modern Chinese, including newspaper articles and writings of literary, cultural, and social interest. Writing Chinese characters is required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, CHIN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **CHIN 408. Readings in Modern Chinese II. 3 Credits.**

Read authentic texts of modern Chinese, including newspaper articles and writings of literary, cultural, and social interest. Writing Chinese characters is required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, CHIN 407.


**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **CHIN 441. Chinese-English Translation and Interpreting. 3 Credits.**

Instruction and practice in Chinese-to-English translation (written) and interpreting (oral), designed for second-language learners of Chinese. Students work with materials covering many fields. Students in track A can take this course either concurrently with or after CHIN 407, but students in track B can take this course only after completing CHIN 313.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE, COMMBEYOND.

**Making Connections Gen Ed:** SS, CI, EE- Service Learning.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**CHIN 443. Business Communication in Chinese. 3 Credits.**

The goal of this course is to improve students' overall language proficiency using Chinese for business purposes. They will develop enhanced skills of reading business journalism and case studies and writing business letters or email messages. Students in track A can take this course either concurrently with or after CHIN 407, but students in track B can take this course only after completing CHIN 313.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, CI.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**CHIN 445. Chinese Tea Culture and Its Changing Landscape. 3 Credits.**

An advanced Chinese language course that explores the world of Chinese tea culture, history and its impact on everyday life in contemporary China. Myths and philosophies related to tea will be analyzed to offer students a deeper understanding of Chinese tea history and culture. Students in track A can take this course either concurrently with or after CHIN 407, but students in track B can take this course only after completing CHIN 313.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CHIN 490. Topics in Chinese Literature and Language. 3 Credits.**

Readings in Chinese literature and language on varying topics. May be taken more than once for credit as topics change. Students in track A can take this course either concurrently with or after CHIN 407, but students in track B can take this course only after completing CHIN 313.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**CHIN 496. Independent Readings in Chinese. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue an independent project in Chinese under the supervision of a selected instructor. Maximum three credit hours per semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **CHIN 510. Introduction to Classical Chinese. 3 Credits.**

Advanced study of Chinese classics. Students in track A can take this course either concurrently with or after CHIN 407, but students in track B can take this course only after completing CHIN 313.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**CHIN 521. Chinese History in Chinese. 3 Credits.**

This is a fifth-year Chinese course offered as a language course to improve students' language abilities and as a content course surveying Chinese history in Chinese.


**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Requisites:** Prerequisite, CHIN 408 or CHIN 313.


**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **CHIN 525. Ancient Philosophers and Their Modern Reincarnation. 3 Credits.**

Recommended preparation, CHIN 510. This course examines the reinterpretation and appropriation of ancient Chinese philosophy in contemporary China, on such themes as Confucian ethics and Daoist metaphysics and aesthetics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.

**Requisites:** Prerequisite, CHIN 408, or 313.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**CHIN 590. Advanced Topics in Chinese Literature and Language. 3 Credits.**

This is an advanced topics course in Chinese literature and language, culture and society. The instruction is entirely in Chinese with the use of authentic materials. Three hours per week.

**Rules & Requirements**

**Requisites:** Prerequisite, CHIN 408 or 313.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**CHIN 624. Chinese Internet Literature. 3 Credits.**

Recommended preparation, at least one advanced Chinese language course above the CHIN 408 or CHIN 313 level. This is a content and language course designed for advanced (native or near-native fluency) undergraduate and graduate students to enhance the four language abilities and cultural literacy. Students will read *The Story of Minglan*, and analyze the problematic portrayals of traditional women's domestic lives.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, CHIN 313 or CHIN 408.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **CHIN 631. Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland. 3 Credits.**

Recommended preparation, at least one advanced Chinese language course above the CHIN 408 or CHIN 313 level. Encompasses a century of literary writings on the experiences of Chinese in the United States. The select works are written for Chinese communities worldwide, hence "writing Chinese in America," while they reflect upon the formation of Chinese American identity, therefore "writing Chinese America."

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, CI, US.

**Requisites:** Prerequisite, CHIN 313 or CHIN 408.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

## HEBR–Hebrew (Language Courses)

### Undergraduate-level Courses

#### HEBR 101. Elementary Modern Hebrew I. 3 Credits.

Introduces the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed.

##### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Same as:** JWST 101.

**Global Language:** Level 1.

#### HEBR 102. Elementary Modern Hebrew II. 3 Credits.

Continued instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed.

##### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, HEBR 101.

**Grading Status:** Letter grade.

**Same as:** JWST 102.

**Global Language:** Level 2.

#### HEBR 203. Intermediate Modern Hebrew I. 3 Credits.

Second-year instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed. An introduction to representative literary works is included.

##### Rules & Requirements

**IDEAs in Action Gen Ed:** GLOBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, HEBR 102.

**Grading Status:** Letter grade.

**Same as:** JWST 203.

**Global Language:** Level 3.

#### HEBR 204. Intermediate Modern Hebrew II. 3 Credits.

Continued instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed. An introduction to representative literary works is included.

##### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, HEBR 203.

**Grading Status:** Letter grade.

**Same as:** JWST 204.

**Global Language:** Level 4.

#### HEBR 305. Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions. 3 Credits.

Third year of instruction in modern Hebrew with an emphasis on Israeli culture, literature, and media. Students will immerse themselves in language communication while exploring authentic materials that showcase the experience of immigration to Israel.

##### Rules & Requirements

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, HEBR 204.

**Grading Status:** Letter grade.

**Same as:** JWST 305.

**Global Language:** Level 5.

#### HEBR 306. Advanced Composition and Conversation: Zionism and the Hebrew Language. 3 Credits.

Third year of instruction in modern Hebrew with an emphasis on Israeli culture, literature, and media. Students will engage in language communication while exploring authentic materials that showcase the history of Zionism, the Hebrew language, and immigration.

##### Rules & Requirements

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, HEBR 204.

**Grading Status:** Letter grade.

**Same as:** JWST 306.

**Global Language:** Level 6.

## HNUR–Hindi-Urdu (Language Courses)

### Undergraduate-level Courses

#### HNUR 101. Elementary Hindi-Urdu I. 4 Credits.

Introduction to modern spoken and written Hindi-Urdu. Speaking and listening practice, basic sentence pattern exercises, grammar fundamentals, the writing system, and creative applications exploring South Asian culture are included.

##### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

#### HNUR 102. Elementary Hindi-Urdu II. 4 Credits.

Continued instruction in modern spoken and written Hindi-Urdu. Sessions include speaking and listening drills, skits, role-play, and discussion of video and audio materials.

##### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, HNUR 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**HNUR 203. Intermediate Hindi-Urdu I. 4 Credits.**

Second year of instruction in modern spoken and written Hindi-Urdu, including situational speaking and listening practice, complex sentence pattern exercises and idioms, vocabulary building, intermediate grammar topics, and reading exercises.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GBLB-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, HNUR 102.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**HNUR 204. Intermediate Hindi-Urdu II. 4 Credits.**

Continued second year of instruction in modern spoken and written Hindi-Urdu. Students practice writing short essays and letters and continue to develop mature oral competency in Hindi-Urdu.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, HNUR 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**HNUR 220. Introduction to the Hindi Script (Devanagari). 1 Credits.**

In this course, students will master the Hindi alphabet, the Sanskrit-based Devanagari writing system. This course complements the regular Hindi-Urdu language sequence. Prior knowledge of spoken Hindi or Urdu is required; entry to this class is by placement only.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HNUR 221. Introduction to the Urdu Script (Nastaliq). 1 Credits.**

This course introduces the Urdu alphabet (Nastaliq). Prior knowledge of spoken Urdu or Hindi is required; entry to this class is by placement only.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HNUR 305. Advanced Hindi-Urdu I. 3 Credits.**

Third year of instruction in spoken and written Hindi-Urdu with an emphasis on the reading and discussion of short stories, prose articles, and interviews.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, HNUR 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**HNUR 306. Advanced Hindi-Urdu II. 3 Credits.**

Third year of instruction in spoken and written Hindi-Urdu with an emphasis on the reading and analysis of poetry.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, HNUR 204.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**HNUR 308. Hindi-Urdu Languages across the Curriculum Recitation. 1 Credits.**

This course is a once-a-week recitation-format course with readings and discussion conducted in Hindi-Urdu. Possible topics include journalism and current events in South Asia.

**Rules & Requirements**

**Requisites:** Prerequisite, HNUR 203.

**Repeat Rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****HNUR 407. South Asian Society and Culture. 3 Credits.**

Advanced language course introducing authentic readings on cultural and social topics relating to modern South Asian society. Texts are supplemented by case studies and interviews. Course is taught in Hindi-Urdu and provides further training in speaking and writing. Participation in extracurricular activities is encouraged.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisites, HNUR 305 and 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**HNUR 408. South Asian Media and Film. 3 Credits.**

This advanced language course introduces students to authentic film and visual and print media from modern South Asia, analyzed within historical, social, and aesthetic contexts. Course is taught in Hindi-Urdu with further training in speaking and writing. Participation in relevant extracurricular activities is encouraged.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisites, HNUR 305 and 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**HNUR 409. Sex and Social Justice in South Asia. 3 Credits.**

This seminar explores the issues of gender, sexuality, and social justice in modern India and Pakistan. The course uses a variety of media sources, including monographs, films, television shows, documentaries, newspapers, and magazines.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN.

**Requisites:** Prerequisites, HNUR 305 and 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.



**HNUR 410. Seminar on the Urdu-Hindi Ghazal. 3 Credits.**

Ghazal is the most important genre of Urdu-Hindi poetry from the 18th century to the present. This course, taught in Hindi-Urdu, concerns the analysis and interpretation of ghazals.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, HNUR 305 and 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**HNUR 411. Health and Medicine in South Asia. 3 Credits.**

This seminar explores approaches to health and medicine in India and Pakistan, and contemporary public health challenges in South Asia and diaspora communities in North Carolina. Also addresses "alternative" systems of medical thought in South Asia including Ayurveda, Unani Medicine, Yoga, Naturopathy, and Homeopathy.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** SS, BN.

**Requisites:** Prerequisites, HNUR 305 and 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**HNUR 490. Topics in Hindi-Urdu Literature and Language. 3 Credits.**

Course may be repeated for credit as topic changes. Possible areas of study include Indian film and literature, Hindi-English translations, the Indian diaspora, Hindi journalism, and readings in comparative religions.

**Rules & Requirements**

**Requisites:** Prerequisites, HNUR 305 and 306.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**HNUR 496. Independent Readings in Hindi-Urdu. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue an independent project in Hindi-Urdu under the supervision of a selected instructor. Maximum three credit hours per semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**JAPN–Japanese (Language Courses)****Undergraduate-level Courses****JAPN 101. Elementary Japanese I. 4 Credits.**

Introduction to modern Japanese with text and supplementary materials. Hiragana, katakana, and basic kanji are introduced. Weekly class hours devoted to basic sentence pattern exercises, speaking and writing practice, and creative application. Participation in relevant extracurricular activities encouraged.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**JAPN 102. Elementary Japanese II. 4 Credits.**

Continued beginning course of modern Japanese with text and supplementary materials. Approximately 150 additional kanji are introduced. Focus on basic sentence pattern exercises, speaking and writing practice, and creative application. Participation in relevant extracurricular activities encouraged.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, JAPN 101 or permission of the instructor.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**JAPN 203. Intermediate Japanese I. 4 Credits.**

Emphasis on situational expressions, mastery of basic structures, and approximately 150 new kanji. Conversation practice, reading and writing of passages, and creative application expected. Participation in relevant extracurricular activities encouraged.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GBLB-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, JAPN 102.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**JAPN 204. Intermediate Japanese II. 4 Credits.**

Continued emphasis on situational expressions, mastery of basic structures, and approximately 150 to 200 new kanji. Conversation practice, reading and writing of passages, and creative application expected. Participation in relevant extracurricular activities encouraged.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, JAPN 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**JAPN 305. Advanced Japanese I. 3 Credits.**

Advanced written and spoken Japanese introduced to students who have learned more than 500 kanji. Emphasis is placed on advanced expressions, conversation for a variety of situations, reading and writing longer texts, and approximately 150 additional kanji. Class conducted in Japanese. Participation in relevant extracurricular activities encouraged.

**Rules & Requirements**

**Requisites:** Prerequisite, JAPN 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**JAPN 306. Advanced Japanese II. 3 Credits.**

Second semester of third-year Japanese, continuing the study of written and spoken Japanese at the advanced level. Participation in relevant extracurricular activities encouraged.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, JAPN 305.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

## Advanced Undergraduate and Graduate-level Courses

### JAPN 401. Gateway to Mastering Japanese. 3 Credits.

This course reviews the key grammar, vocabulary, and characters from the first three years of Japanese in preparation for the more advanced work of fourth-year elective courses.

#### Rules & Requirements

**Requisites:** Prerequisite, JAPN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### JAPN 408. Japanese Journalism. 3 Credits.

Uses newspaper and magazine articles and television broadcasts to introduce journalistic writing and speech as well as contemporary social and cultural issues. Class conducted in Japanese. Participation in relevant extracurricular activities encouraged.

#### Rules & Requirements

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, JAPN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### JAPN 410. Topics in Contemporary Japanese Literature. 3 Credits.

This course introduces students to the popular writing, both fiction and nonfiction, designed for mass-market consumption in contemporary Japan. Class conducted in Japanese. Participation in relevant extracurricular activities encouraged.

#### Rules & Requirements

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, JAPN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### JAPN 411. Food and Culture in Japan. 3 Credits.

Advanced Japanese course designed to develop Japanese skills and deepen appreciation of Japanese cooking. Students will develop the ability to discuss and write about topic-oriented issues in Japanese.

#### Rules & Requirements

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, JAPN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### JAPN 412. Making Music in Japan. 3 Credits.

Students will learn a history of postwar Japanese music as an integral part of Japanese society and culture, and try to understand what messages each song attempts to communicate.

#### Rules & Requirements

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, BN.

**Requisites:** Prerequisite, JAPN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### JAPN 414. Manga as a Japanese Art and Culture. 3 Credits.

This course explores contemporary Japanese language and culture through the pop cultural media of manga and anime. Topics include manga history, production, and various genres of Japanese comic books, manga.

#### Rules & Requirements

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, JAPN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### JAPN 415. Sports in Japanese Culture. 3 Credits.

Introduces students to the unique Japanese cultural perspective on sports, while introducing new kanji and grammar structures and improving reading, speaking, and writing abilities.

#### Rules & Requirements

**Requisites:** Prerequisite, JAPN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### JAPN 416. Understanding Japanese Business Culture and Its Practice. 3 Credits.

Students will learn about business culture in Japan, including customs and rules, in order to broaden their understanding of Japanese culture and people, while improving their language skills.

#### Rules & Requirements

**Requisites:** Prerequisite, JAPN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### JAPN 417. Japanese Culture through Film and Literature. 3 Credits.

This course helps students to improve their Japanese language skills while developing an understanding of Japanese culture through films and literature. Exercises include reading novels in Japanese, close observation of Japanese films, analysis of cultural context, writing summaries, and frequent discussion.

#### Rules & Requirements

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, JAPN 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### JAPN 490. Topics in Japanese Language and Literature. 3 Credits.

Possible areas of study include popular culture, business Japanese, and Japanese-English translation. Course may be repeated for credit as topic changes. Participation in relevant extracurricular activities encouraged.

#### Rules & Requirements

**Requisites:** Prerequisite, JAPN 306.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**JAPN 496. Independent Readings in Japanese. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue an independent project in Japanese under the supervision of a selected instructor. Maximum three credit hours per semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**JAPN 521. Investigating Japanese Culture through TV Dramas. 3 Credits.**

Students will improve Japanese language skills while they develop an understanding of Japanese culture through TV dramas. Exercises include intensive listening, reading and analyzing drama scripts, writing summaries, and frequent discussions on various topics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, BN.

**Requisites:** Prerequisite, JAPN 401, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, or 490.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

## KOR—Korean (Language Courses)

### Undergraduate-level Courses

**KOR 101. Elementary Korean I. 4 Credits.**

Introduction to the basics of modern Korean, including the pronunciation of spoken Korean, the writing system of Hangul, communication and reading skills in controlled contexts, and fundamentals of grammar.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**KOR 102. Elementary Korean II. 4 Credits.**

Develops speaking and listening skills for everyday communication, reading skills for simple narratives and descriptive texts, and understanding for core grammatical patterns.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, KOR 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**KOR 203. Intermediate Korean I. 4 Credits.**

Continues developing reading and writing skills for narrative and descriptive texts and increasing communicative competence in applied social contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, KOR 102.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**KOR 204. Intermediate Korean II. 4 Credits.**

Develops and applies comprehensive grammatical knowledge and vocabularies in complex listening, speaking, reading, and writing contexts. Emphasis on Korean cultural and historical understanding.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, KOR 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**KOR 305. Advanced Korean I. 3 Credits.**

Advanced study of written and spoken Korean language and Korean culture. Three hours per week.

**Rules & Requirements**

**Requisites:** Prerequisite, KOR 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**KOR 306. Advanced Korean II. 3 Credits.**

Advanced study of written and spoken Korean language and Korean culture. Three hours per week.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Requisites:** Prerequisite, KOR 305.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

### Advanced Undergraduate and Graduate-level Courses

**KOR 407. Modern Korean Literature and Culture. 3 Credits.**

Modern Korean literature by major authors, from around 1940 to the present. Emphasis on reading, translation, and criticism. Students will improve their written and oral communication skills in Korean through the study of literary works in their social, cultural, and historical context.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** BN, CI.

**Requisites:** Prerequisite, KOR 306.

**Grading Status:** Letter grade.

**KOR 408. Changes and Continuities in Korean History. 3 Credits.**

This course is conducted in Korean, emphasizing reading, translating, and criticism. This is a general introduction to Korean history from the first kingdom of the Korean Peninsula, Gojoseon, to the last kingdom, Joseon Dynasty.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** BN, CI.

**Requisites:** Prerequisite, KOR 306.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**KOR 409. Korean Through Current Affairs. 3 Credits.**

This course aims at a deeper understanding of Korean society, through critical analysis of language use and viewpoints expressed in various types of media. This course will also focus on cultural products and practices.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** BN, CI.

**Requisites:** Prerequisite, KOR 306.

**Grading Status:** Letter grade.

**KOR 447. Documenting Diasporas: Korean Diasporas in Films and Documentaries. 3 Credits.**

In this course, we will explore the multiple, shifting, and often contested diasporic subjectivities represented and produced in Korean diaspora cinemas; these subjectivities encompass various Korean diaspora communities in Asia, Central Asia, Europe, and the Americas.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

**Same as:** CMPL 547.

**KOR 490. Topics in Korean Language and Literature. 3 Credits.**

Topic varies and course may be repeated for credit as topics change.

**Rules & Requirements**

**Requisites:** Prerequisite, KOR 306.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**KOR 496. Independent Readings in Korean. 1-3 Credits.**

Permission of the department. For the student who wishes to create and pursue an independent project in Korean under the supervision of a selected instructor. Maximum three credit hours per semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

## PRSN–Persian (Language Courses)

### Undergraduate-level Courses

**PRSN 101. Elementary Persian I. 3 Credits.**

Introduction to the spoken and written Persian (Farsi) language.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**PRSN 102. Elementary Persian II. 3 Credits.**

Introduction to the spoken and written Persian (Farsi) language.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PRSN 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**PRSN 203. Intermediate Persian I. 3 Credits.**

Second-year instruction in the spoken and written Persian (Farsi) language.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PRSN 102.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**PRSN 204. Intermediate Persian II. 3 Credits.**

Second-year instruction in the spoken and written Persian (Farsi) language.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PRSN 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**PRSN 305. Persian Short Stories. 3 Credits.**

This course focuses on further development of all language skills through studying Persian short stories. Short stories are effective in language teaching because of their readability in limited class time. They offer authentic reading materials that allow language learners to engage in close readings and creative interpretations.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, PRSN 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**PRSN 306. Persian Language through Literature, Film, and Media. 3 Credits.**

Students will study literary writings and filmic texts from traditional literature to contemporary media (including plays, film, television, etc.). Students will engage in various communicative activities focusing on all language skills and building vocabulary and idiomatic expressions. Literary and filmic texts will also improve students' cultural awareness.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, PRSN 204.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

## TURK–Turkish (Language Courses)

### Undergraduate-level Courses

**TURK 101. Elementary Turkish I. 3 Credits.**

Introduces the essential elements of Turkish structure and vocabulary and aspects of Turkish culture. Aural comprehension, reading, speaking, and writing are stressed.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**TURK 102. Elementary Turkish II. 3 Credits.**

Continued instruction in the essential elements of Turkish structure and vocabulary and aspects of Turkish culture. Aural comprehension, reading, speaking, and writing are stressed.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, TURK 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

 **TURK 203. Intermediate Turkish I. 3 Credits.**

Second-year level instruction in the essential elements of Turkish structure and vocabulary and aspects of Turkish culture. Aural comprehension, reading, speaking, and writing are stressed. Introduces representative literary works.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, TURK 102.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**TURK 204. Intermediate Turkish II. 3 Credits.**

A proficiency-based course centered on reading, writing, speaking, and listening to Turkish with an emphasis on understanding the application of grammatical structures and vocabulary development through the study of literature.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, TURK 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**TURK 305. Advanced Turkish I. 3 Credits.**

Students in this advanced class will explore various discourses through media and literature in order to develop a deeper understanding of modern Turkish language. This is a hybrid/blended course taught synchronically with the same course at Duke University, taking advantage of the best aspects of both face-to-face and online instruction with the use of technology to enhance the classroom experience.

**Rules & Requirements**

**Requisites:** Prerequisite, TURK 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

## VIET–Vietnamese (Language Courses)

### Undergraduate-level Courses

**VIET 101. Elementary Vietnamese I. 3 Credits.**

Introduction to modern standard Vietnamese, providing practice and instruction in basic grammar and vocabulary.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**VIET 102. Elementary Vietnamese II. 3 Credits.**

Introduction to modern standard Vietnamese, providing practice and instruction in basic grammar and vocabulary.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, VIET 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

 **VIET 203. Intermediate Vietnamese I. 3 Credits.**

Third semester of Vietnamese language instruction. Continued development of basic structures and introduction of new vocabulary and more complex grammar. Practice reading and writing longer passages and more conversation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisites, VIET 102.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**VIET 204. Intermediate Vietnamese II. 3 Credits.**

Fourth semester of Vietnamese language instruction. Continued development of basic structures and introduction of new vocabulary and more complex grammar. Practice reading and writing longer passages and more conversation.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, VIET 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

## Contact Information

**Department of Asian and Middle Eastern Studies**

Visit Program Website (<http://asianstudies.unc.edu>)

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## Asian Studies Major, B.A. – Interdisciplinary Concentration

Stretching from Japan to the Arab world, Asia is the largest and most populous continent in the world and home to an array of diverse cultures and political structures. An interdisciplinary major within the Department of Asian and Middle Eastern Studies offers students the opportunity to study a broad range of topics, building the global awareness that will be useful in government employment; internationally oriented business,

journalism, law, and teaching; as well as graduate study in a range of humanistic and social science disciplines.

## Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:


- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
The major consists of eight courses which must include the following: <sup>1</sup>		24
ASIA 150	 Asia: An Introduction	
At least one other course (other than a language course or senior honors thesis course) taken within the Department of Asian and Middle Eastern Studies and chosen from the list below <sup>2</sup>		
At least one course each from any two other departments		
At least one course numbered 400 or above <sup>3</sup>		
At least two courses each from any two of the six geographic regions: China, Japan, Korea, Middle East, South Asia, Southeast Asia (see lists below)		
<b>Additional Requirements</b>		
Any Asian or Middle Eastern language through level 4 <sup>4</sup>		4
<b>Total Hours</b>		<b>28</b>

<sup>1</sup> The same courses can be used to fulfill multiple requirements within the major.

<sup>2</sup> May not substitute a study abroad course.

<sup>3</sup> May not be a language course.

<sup>4</sup> The first three levels of a global language can count toward the General Education requirement and have not been included as additional hours for the major.






















No more than one first-year seminar may be counted among the eight major courses.

With the approval of the associate chair of Asian and Middle Eastern Studies, a student may substitute a course in directed readings

(ASIA 496) for one of the major courses. To register for ASIA 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

## Department of Asian and Middle Eastern Studies Courses

Code	Title	Hours
ASIA 52	 First-Year Seminar: Food in Chinese Culture	3
ASIA 55	 First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ASIA/WGST 56	 First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
ASIA 57	 First-Year Seminar: Dis-Orienting the Orient	3
ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3
ASIA/JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
ASIA 61	 First-Year Seminar: A Tour of South Asia's Regional Art Cinemas	3
ASIA 63	 First-Year Seminar: Japanese Tea Culture	3
ASIA 65	 First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ASIA/PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	3
ASIA 73	 First-Year Seminar: Popular Culture in the Arab World	3
ASIA 74	 First-Year Seminar: Imagining Palestine	3
ASIA 89	 First Year Seminar: Special Topics <sup>H</sup>	3
ASIA 124	 Iranian Post-1979 Cinema	3
ASIA 126	 Introduction to Persian Literature	3
ASIA/WGST 127	 Iranian Women Writers	3
ARAB 150	 Introduction to Arab Cultures	3
ASIA 150	 Asia: An Introduction	3
CHIN 150	 Introduction to Chinese Civilization	3
KOR 150	 History, Memory, and Reality in Contemporary Korea	3
ARAB 151	 Arabic Literature through the Ages	3
ASIA 151	 Literature and Society in Southeast Asia	3
KOR 151	 Education and Social Changes in Contemporary Korea	3
ASIA 152	 Survey of South Asian Cultural History	3
JAPN 160	 Introduction to Japanese Literature in Translation	3
JAPN 162	 Japanese Popular Culture	3
ASIA 163	 Hindi-Urdu Poetry in Performance	3

ASIA/MUSC 164	 Music of South Asia	3	ASIA 333	 The Mahabharata: Remembered and Reimagined	3
ASIA/WGST 167	 Gender, Sexuality, and Social Justice in South Asia	3	ARAB 337	 Borders and Walls in the Arab World	3
ARAB 211	 Arab Comics	3	CHIN 346	 History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
ASIA 211	 The Silk Road: Markets, Metaphysics, and Music	3	KOR 346/ CMPL 246	 Body Politics in Modern Korean Literature <sup>H</sup>	3
ARAB 214	 Medicine in the Arab World	3	ARAB 350	 Women and Leadership in the Arab World	3
ASIA 228	 Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3	ASIA 350/ AMST 352	 The Asian American Experience	3
ASIA 229	 Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3	ARAB 354	 Everyday Lives in the Middle East: Anthropological Perspectives	3
ASIA 231	 Bollywood Cinema	3	CHIN 356	 Chinese Environmental Literature	3
JAPN 231/ HIST 271	 Ancient and Medieval Japanese History and Culture	3	ASIA/JWST 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3
KOR/CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	3	ASIA/CMPL 359	 Literary Diasporas of the Middle East	3
ASIA 233	 Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3	CHIN 361	 Chinese Traditional Theater	3
ASIA/JWST/ PWAD 235	 Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3	CHIN 367	 Illustration and the Animation of Text	3
KOR/WGST 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3	JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945	3
CHIN/CMPL 238	 From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3	ASIA/RELI 382	 The Story of Rama in Indian Culture—Experiential	3
CHIN 242	 Chinese Qin Music	3	ASIA/RELI 383	 The Mahabharata: Remembered and Reimagined—Experiential	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3	ASIA/JWST/ PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
CHIN/CMPL 247	 Indigenous Spiritualities in Literatures of China and Taiwan <sup>H</sup>	3	ASIA 427/ CMPL 527/ PWAD 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3
JAPN 246	 Early Modern Japanese History and Culture	3	ASIA 431	 Persian Sufi Literature	3
ASIA 252	 Popular Culture in Modern Southeast Asia	3	ARAB 432	 Science and Society in the Middle East	3
CHIN 252	 Introduction to Chinese Culture through Narrative	3	ARAB 434	 Modern Arabic Literature in Translation	3
ARAB 255	 Arab World Photography	3	ASIA/PWAD 435	 The Cinemas of the Middle East and North Africa	3
CHIN 255	 Bandit or Hero: Outlawry in Chinese Literature and Films	3	ASIA/JWST 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3
ASIA/CMPL 256	 Love in Classical Persian Poetry	3	ASIA/CMPL 442	 Postcolonial Literature of the Middle East	3
ASIA/CMPL 258	 Iranian Prison Literature	3	KOR 447/ CMPL 547	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3
ASIA/CMPL 261	 India through Western Eyes	3	JAPN 451	 Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3
ASIA 262	 Nation, Film, and Novel in Modern India	3	ARAB 453	 Film, Nation, and Identity in the Arab World	3
JAPN 277	 Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3	ASIA 453	Global Shangri-La: Tibet in the Modern World	3
KOR 327	 Korean Diasporas	3	ASIA/JWST/ PWAD 462	 The Arab-Jews: Culture, Community, and Coexistence	3
ASIA/WGST 329	 Middle East Women Writers	3	CHIN 463	 Narrative Ethics in Modern China	3
ASIA 331/ HIST 335/ PWAD 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3	CHIN 464	 The City in Modern Chinese Literature and Film	3
ASIA 332	 The Story of Rama in India	3			

ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	3	ASIA 303/ RELI 288	Chinese Religions	3
CHIN 475	Confucianism: Origin, History, and Contemporary Relevance	3	CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
CHIN 476	Daoism: Origin, History, and Contemporary Relevance	3	CHIN 356	Chinese Environmental Literature	3
CHIN/CMPL/ WGST 480	Queering China	3	CHIN 361	Chinese Traditional Theater	3
JAPN 482	Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3	ANTH/ASIA 365	Chinese Diaspora in the Asia Pacific	3
ASIA 522	Beauty and Power in the Classical Indian World	3	CHIN 367	Illustration and the Animation of Text	3
CHIN 545	Chinese Science Fiction	3	SOCI 418	Contemporary Chinese Society	3
CHIN 551	Chinese Poetry in Translation	3	ASIA 453	Global Shangri-La: Tibet in the Modern World <sup>1</sup>	3
CHIN 552	Chinese Prose in Translation	3	CHIN 463	Narrative Ethics in Modern China	3
CHIN 562	Contemporary Chinese Urban Culture and Arts	3	CHIN 464	The City in Modern Chinese Literature and Film	3
HNUR/RELI 592	Religious Conflict and Literature in India	3	CHIN 475	Confucianism: Origin, History, and Contemporary Relevance	3
			CHIN 476	Daoism: Origin, History, and Contemporary Relevance	3
			CHIN/CMPL/ WGST 480	Queering China	3
			ANTH/ASIA 545	The Politics of Culture in East Asia	3
			CHIN 545	Chinese Science Fiction	3
			HIST 550	Gender in Chinese History	3
			CHIN 551	Chinese Poetry in Translation	3
			CHIN 552	Chinese Prose in Translation	3
			CHIN 562	Contemporary Chinese Urban Culture and Arts	3
			ANTH/ASIA 574	Chinese World Views	3
			ANTH/ASIA 682	Contemporary Chinese Society	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## China Courses

Code	Title	Hours
ASIA 52	First-Year Seminar: Food in Chinese Culture	3
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ASIA/HIST 133	Introduction to Chinese History	3
CHIN 150	Introduction to Chinese Civilization	3
POLI 237	The Politics of China	3
CHIN/CMPL 238	From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3
CHIN 242	Chinese Qin Music	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3
CHIN/CMPL 247	Indigenous Spiritualities in Literatures of China and Taiwan <sup>H</sup>	3
CHIN 252	Introduction to Chinese Culture through Narrative	3
CHIN 253	Chinese Language and Society	3
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	3
GEOG 270	Geography of Contemporary China	3
HIST/ASIA 283	Chairman Mao's China in World History	3
HIST 284	Late Imperial China	3
HIST 285	20th-Century China	3
AAAD 301	Contemporary China-Africa Relations	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> ASIA 453 may be counted for either the China or South Asia region, but not both.

## Japan Courses

Code	Title	Hours
ASIA 63	First-Year Seminar: Japanese Tea Culture	3
RELI 73	First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3
JAPN 160	Introduction to Japanese Literature in Translation	3
JAPN 162	Japanese Popular Culture	3
JAPN 231/ HIST 271	Ancient and Medieval Japanese History and Culture	3
ASIA 233	Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
JAPN 246	Early Modern Japanese History and Culture	3
JAPN 277	Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3
ASIA/HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3



ASIA/HIST 287	Modern Japan	3
ASIA/HIST 288	Japan in the 20th Century	3
ASIA 301/ RELI 286	Premodern Japanese Religions	3
ASIA 302/ RELI 287	Modern Japanese Religions	3
ANTH/ASIA 330	Melancholy Japan: Myth, Memory, and Everyday Life	3
JAPN 375	The Culture of Modern, Imperial Japan, 1900-1945	3
ASIA/CMPL 379	Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3
ASIA/CMPL 380	Almost Despicable Heroines in Japanese and Western Literature	3
JAPN 451	Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3
JAPN 482	Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
ASIA/CMPL 483	Cross-Currents in East-West Literature	3
ASIA/RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3
ASIA/RELI 488	Shinto in Japanese History	3
ASIA/RELI 489	Animals in Japanese Religion	3
JAPN/LING 563	Structure of Japanese	3
RELI 586	Women and Gender in Japanese Religions	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Korea Courses

Code	Title	Hours
ASIA 72	First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	3
KOR 150	History, Memory, and Reality in Contemporary Korea	3
KOR 151	Education and Social Changes in Contemporary Korea	3
KOR/CMPL 232	Imagining the City in Modern Korea: Text, Image, Space	3
KOR/CMPL/ WGST 237	Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3
KOR 327	Korean Diasporas	3
KOR 346/ CMPL 246	Body Politics in Modern Korean Literature <sup>H</sup>	3
KOR 447/ CMPL 547	Documenting Diasporas: Korean Diasporas in Films and Documentaries	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Middle East Courses

Code	Title	Hours
GEOG 59	First-Year Seminar: Space, Identity, and Power in the Middle East	3
ASIA/JWST 60	First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
SOCI 60	First-Year Seminar: Sociology of the Islamic World	3
ASIA 73	First-Year Seminar: Popular Culture in the Arab World	3
ASIA 74	First-Year Seminar: Imagining Palestine	3
RELI 110	The Archaeology of Palestine in the New Testament Period	3
ASIA/HIST 138	History of Muslim Societies to 1500	3
ASIA/HIST 139	History of Muslim Societies since 1500	3
ARAB 150	Introduction to Arab Cultures	3
ARAB 151	Arabic Literature through the Ages	3
ASIA/RELI 180	Introduction to Islamic Civilization	3
ASIA/RELI 181	Modern Muslim Societies	3
RELI 185	Women/Gender/Islam <sup>H</sup>	3
ARAB 211	Arab Comics	3
ARAB/ANTH 214	Medicine in the Arab World	3
ASIA/JWST/ PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ARAB 255	Arab World Photography	3
ASIA/HIST 276	The Modern Middle East	3
ASIA/HIST 277	The Conflict over Israel/Palestine	3
RELI/ASIA 279	Islamic Law, Ethics, and Practice	3
ASIA/WGST 329	Middle East Women Writers	3
ARAB 337	Borders and Walls in the Arab World	3
ARAB 350	Women and Leadership in the Arab World	3
ARAB 434	Modern Arabic Literature in Translation	3
ARAB 354	Everyday Lives in the Middle East: Anthropological Perspectives	3
ARAB 432	Science and Society in the Middle East	3
ASIA/JWST 358	Religion and Tradition in Israeli Cinema, TV, and Literature	3
ASIA/CMPL 359	Literary Diasporas of the Middle East	3
SOCI 419	Sociology of the Islamic World	3
ASIA/JWST/ PWAD 425	Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
ASIA/PWAD 435	The Cinemas of the Middle East and North Africa	3
ASIA/JWST 436	Language, Exile, and Homeland in Zionist Thought and Practice	3
ASIA/CMPL 442	Postcolonial Literature of the Middle East	3

ASIA/GEOG 447	Gender, Space, and Place in the Middle East	3	ASIA/CMPL 256	Love in Classical Persian Poetry	3
GEOG 448	Transnational Geographies of Muslim Societies	3	ASIA/CMPL 258	Iranian Prison Literature	3
ARAB 453	Film, Nation, and Identity in the Arab World	3	ASIA/CMPL 261	India through Western Eyes	3
ASIA/JWST/ PWAD 462	The Arab-Jews: Culture, Community, and Coexistence	3	ASIA 262	Nation, Film, and Novel in Modern India	3
ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	3	ASIA/GEOG 267	South Asia	3
RELI/ASIA 485	Gender and Sexuality in Islam	3	ASIA/HIST 272	Modern South Asia	3
RELI/ASIA 486	Islam and Feminism/Islamic Feminism	3	ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
RELI 503	Exploring the Dead Sea Scrolls <sup>H</sup>	3	ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA/HIST 536	Revolution in the Modern Middle East	3	ASIA 304/ HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3
ASIA/HIST 537	Women in the Middle East	3	ASIA 331/ HIST 335/ PWAD 331	Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
ASIA/HIST 538	The Middle East and the West	3	ASIA 332	The Story of Rama in India	3
ASIA/RELI 584	The Qur'an as Literature	3	ASIA 333	The Mahabharata: Remembered and Reimagined	3
RELI 585	Religion and Culture of Turkey	3	ANTH 361	Community in India and South Asia	3
RELI/ASIA 587	Islam and Sexual Diversity	3	ASIA/RELI 381	Religions of South Asia	3
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts	3	ASIA/RELI 382	The Story of Rama in Indian Culture—Experiential	3
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures	3	ASIA/RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## South Asia Courses

Code	Title	Hours	Code	Title	Hours
ASIA 59	First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3	ASIA 431	Persian Sufi Literature	3
ASIA 61	First-Year Seminar: A Tour of South Asia's Regional Art Cinemas	3	ASIA/HIST 440	Gender in Indian History	3
ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3	ASIA 441/ HIST 442	Religion, Co-existence, and Conflict in Pre-Colonial India	3
HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3	ASIA 453	Global Shangri-La: Tibet in the Modern World <sup>1</sup>	3
ASIA 124	Iranian Post-1979 Cinema	3	ASIA/RELI/WGST 482	Sex, Gender, and Religion in South Asia	3
ASIA 126	Introduction to Persian Literature	3	ASIA 522	Beauty and Power in the Classical Indian World	3
ASIA/WGST 127	Iranian Women Writers	3	ASIA/HIST 557	Fiction and History in India	3
ASIA/HIST 135	History of the Indian Subcontinent to 1750	3	ASIA/RELI 582	Islam and Islamic Art in South Asia	3
ASIA/HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3	ASIA/RELI 583	Religion and Culture in Iran, 1500-Present	3
ASIA 152	Survey of South Asian Cultural History	3	HNUR/RELI 592	Religious Conflict and Literature in India	3
ASIA 163	Hindi-Urdu Poetry in Performance	3			
ASIA/MUSC 164	Music of South Asia	3			
ASIA/WGST 167	Gender, Sexuality, and Social Justice in South Asia	3			
ASIA 228	Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3			
ASIA 231	Bollywood Cinema	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> ASIA 453 may be counted for either the China or South Asia region, but not both.

## Southeast Asia Courses

Code	Title	Hours
ANTH 52	First-Year Seminar: Asian Cultures, Asian Cities, Asian Modernities	3
GEOG 64	First-Year Seminar: Vietnam	3
ASIA/HIST 131	Southeast Asia to the Early 19th Century	3

ASIA 151	Literature and Society in Southeast Asia	3
ASIA/MUSC 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays	3
ASIA 252	Popular Culture in Modern Southeast Asia	3
ASIA/LING 260	Languages of Southeast Asia	3
GEOG 266	Society and Environment in Southeast Asia	3
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
AMST/ASIA 353	Southeast Asian North Carolina	3
ANTH/ASIA 375	Memory, Massacres, and Monuments in Southeast Asia	3
ANTH/ASIA 429	Culture and Power in Southeast Asia	3
ASIA/HIST 539	The Economic History of Southeast Asia	3
ASIA/HIST 570	The Vietnam War	3

## Other Courses

Code	Title	Hours
ASIA 57	First-Year Seminar: Dis-Orienting the Orient	3
ENGL 79	First-Year Seminar: Globalization/Global Asians	3
ASIA 89	First Year Seminar: Special Topics <sup>H</sup>	3
RELI 103	Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
RELI 106	Introduction to Early Judaism	3
RELI 107	Introduction to Modern Judaism	3
ASIA/HIST 134	Modern East Asia	3
ASIA 150	Asia: An Introduction	3
HIST 163	Modern Central Asia <sup>H</sup>	3
ASIA/RELI 183	Asian Religions	3
RELI 184	East Asian Religions	3
RELI 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3
ASIA 211	The Silk Road: Markets, Metaphysics, and Music	3
PHIL 213	Asian Philosophy	3
ASIA 229	Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3
ASIA/CMPL 255	The Feast in Film, Fiction, and Philosophy <sup>H</sup>	3
ASIA/GEOG 265	Eastern Asia	3
ENGL 270	Studies in Asian American Literature	3
HIST 274	History of the Ottoman Empire, 1300-1923	3
GLBL 281	Phillips Ambassadors Program	3
ASIA/RELI 284	The Buddhist Tradition: East Asia	3
RELI 343	Religion in Modern Israel	3
ASIA 350/ AMST 352	The Asian American Experience	3
ASIA/ENGL 360	Contemporary Asian American Literature and Theory	3

ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>	3
FREN 383	Franco-Asian Encounters	3
ASIA/RELI 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
ASIA 427/ CMPL 527/ PWAD 427	Cold War Culture in East Asia: Transnational and Intermedial Connections	3
ASIA/RELI 445	Asian Religions in America	3
ASIA/ECON 469	Asian Economic Systems	3
RELI 480	Modern Muslim Literatures	3
RELI 481	Religion, Fundamentalism, and Nationalism	3
GLBL 484	History and Politics of Central Asia	3
RELI 512	Ancient Synagogues	3
ASIA/RELI 581	Sufism	3
RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
ASIA 692H	Senior Honors Thesis II	3

One language course beyond level 4 or a course at level 2 or above in a second Asian language may count as a major course.

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

This plan is for a student who is just starting an Asian or Middle Eastern language.<sup>1</sup>

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
ASIA 150  Asia: An Introduction (fall only; foundation course for the major; strongly recommended to take in first year)	3
Language 101 (fall only)	3-4
Language 102 (spring only)	3-4

Other major course <sup>2,3</sup>	3
<b>Hours</b>	<b>23-25</b>
<b>Sophomore Year</b>	
Language 203 (fall only)	3-4
Language 204 (spring only)	3-4
Two major courses <sup>3</sup>	6
<b>Hours</b>	<b>12-14</b>
<b>Junior Year</b>	
Major course or Language 305 <sup>3,4</sup>	3
Major course numbered 400 or above <sup>3</sup>	3
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
Two major courses <sup>3</sup>	6
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>47-51</b>

<sup>1</sup> This major requires four semesters of an Asian or Middle Eastern language, but this additional requirement can also be wholly or partly met by placement for students who already have knowledge of one of these languages.

The Department of Asian and Middle Eastern Studies requires that all students with prior knowledge of a language take a placement test. The beginning language course at UNC is decided by the placement (not by test credit or transfer credit). Almost all language courses are only offered in fall or spring, but not both. Some languages are sometimes offered in summer.

<sup>2</sup> No more than one FY-SEMINAR course may be taken or count toward the major.

<sup>3</sup> This major has a lot of flexibility and courses for it are abundant, but it also has several specific (and potentially overlapping) requirements that must be met, and more course offerings available in some areas than others. Careful course planning is important to make sure all the requirements are being met. Students are also strongly encouraged to start taking the required language courses in their first semester. Departmental advising is required every fall, and available throughout the year.

<sup>4</sup> One language course above 204 may be counted as one of the eight required major courses. Students who wish to pursue further language study may be interested in combining a language minor with this major.

## Special Opportunities in Asian Studies

### Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, Korean studies, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

## Departmental Involvement

The department sponsors a variety of cultural events — lectures, film series, performances, and more — as well as social and informational events where students can get to know each other and faculty members in an informal setting. Faculty members in the department serve as advisors to some of the many Asia-related student organizations on campus, such as the Japan Club, Chinese Conversation Club, Hebrew Table, and more.

## Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic, Chinese, Hindi-Urdu, or Korean but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history or religious studies. This LAC recitation section offers students the opportunity to use their Arabic, Chinese, Hindi-Urdu, or Korean language skills in a broader intellectual context.

## Libraries

The University has rich collections of books and periodicals on Asia in the relevant Asian languages, as well as in English and other Western languages. Experts in the collection development department for Davis Library are available to help students locate the materials they need. The University also has an outstanding collection of Asian films and other audiovisual materials, housed in the Media Resource Center at House Library.

## Speaker Series

The department sponsors an annual speaker series. These events include lectures by prominent artists, scholars, and writers and are often cosponsored by other units on campus.

## Study Abroad

UNC—Chapel Hill sponsors several study programs (summer, semester, and yearlong) in China, Egypt, India, Israel, Japan, Jordan, Korea, Mongolia, Morocco, Nepal, Oman, Singapore, Taiwan, Thailand, Turkey, and Vietnam. Asian studies majors are strongly encouraged to take advantage of these opportunities to live and study in an Asian setting; UNC-approved study abroad programs also satisfy the experiential education requirement. For further information on these programs and other study abroad opportunities in Asia, contact the UNC Study Abroad Office.

## Undergraduate Research

The department actively encourages undergraduate student research. Through classes, advising, and office hours, faculty members guide students toward defining areas of interest, conceptualizing research questions, identifying sources, and writing academic papers. Students may pursue research through independent studies, the senior honors thesis, and study abroad research opportunities such as the Burch Fellowship. Asian studies students have received a variety of competitive research support and travel awards, won regional contests for undergraduate papers, published papers in academic journals, and presented their work at such events as the Senior Colloquium in Asian Studies and the campuswide Annual Celebration of Undergraduate Research in the spring.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.–Chinese Concentration (p. 185)
- Asian Studies Major, B.A.–Japanese Concentration (p. 190)
- Asian Studies Major, B.A.–Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 198)

**Minors**

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

**Graduate Programs**

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

**Contact Information**

**Department of Asian and Middle Eastern Studies**  
 Visit Program Website (<http://asianstudies.unc.edu>)  
 New West 113, CB# 3267  
 (919) 962-4294

**Interdisciplinary Program Advisor**  
 Dwayne Dixon  
[dedixon@email.unc.edu](mailto:dedixon@email.unc.edu)

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 Morgan Pitelka  
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**Director of Undergraduate Studies**  
 Robin Visser  
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 Ash Barnes  
[wow@unc.edu](mailto:wow@unc.edu)

**Asian Studies Major, B.A.–Arab Cultures Concentration**

As the fifth most widely spoken language in the world, as one of the official languages of the United Nations, and as the religious language of Muslims who make up a quarter of the world’s population, Arabic is a language with a rich literary and cultural heritage and considerable contemporary significance. Speakers of Arabic learn two forms of the language: a formal form, often called Modern Standard Arabic, which is used for official communication such as speeches and most writing; and an informal form that is used primarily in conversation. Because Arabic is spoken across a culturally and geographically varied region stretching from Western Asia across North Africa, there are many dialects of spoken

Arabic. Students in Arabic courses at UNC learn both Modern Standard Arabic and a dialect of spoken Arabic (either Egyptian or Levantine) simultaneously.

The Arab world has a long and rich history that has always intersected with the histories of Europe, Africa, and Asia. Its geopolitical significance in the modern era, as well as the radical transformations that are occurring in the region since the 2011 Arab revolutions, make the study of the Arab world and its cultures key to understanding the world today. Arab Cultures majors study the literature and visual culture of the Arab world, as well as social practices and intellectual debates through rich course offerings in English.

**Student Learning Outcomes**

Upon completion of the Asian studies program, students should be able to:





- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom

**Requirements**

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
ARAB 300	Arabic Grammar and Composition	3
Two additional Arabic language courses beyond ARAB 204 <sup>1</sup>		6
One of the following introductory-level classes: <sup>2</sup>		3
ASIA 73	 First-Year Seminar: Popular Culture in the Arab World <sup>3</sup>	
ASIA 74	 First-Year Seminar: Imagining Palestine	
ARAB 150	 Introduction to Arab Cultures	
ARAB 151	 Arabic Literature through the Ages	
Four Arabic literature and culture courses (list below)		12
<b>Additional Requirements</b>		
Arabic through level 4 <sup>4</sup>		4
<b>Total Hours</b>		<b>28</b>

<sup>1</sup> Students whose initial language placement is above ARAB 305 should consult the department.  
<sup>2</sup> It is recommended that students take this course either prior to or concurrent with upper-level Arabic literature and culture classes.

<sup>3</sup> No more than one first-year seminar may be counted among the eight major courses.

<sup>4</sup> The first three levels of Arabic (ARAB) can count toward the General Education Foundations requirement and have not been included as additional hours for the major.


## Arabic Literature and Culture Courses


**Code**                      **Title**    **Hours**


**At least three must be chosen from:**


ARAB 211	 Arab Comics	
ARAB/ANTH 214	 Medicine in the Arab World	
ARAB 255	 Arab World Photography	
ASIA/WGST 329	 Middle East Women Writers	
ARAB 337	 Borders and Walls in the Arab World	
ARAB 350	 Women and Leadership in the Arab World	
ARAB/ANTH 354	 Everyday Lives in the Middle East: Anthropological Perspectives	
ASIA/CMPL 359	 Literary Diasporas of the Middle East	
ARAB 407	Readings in Arabic I (taught in Arabic)	
ARAB 408	Readings in Arabic II (taught in Arabic)	
ASIA/JWST/PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	
ARAB/ANTH 432	 Science and Society in the Middle East	
ARAB 434	 Modern Arabic Literature in Translation	
ASIA/CMPL 442	 Postcolonial Literature of the Middle East	
ARAB 453	 Film, Nation, and Identity in the Arab World	
ASIA/JWST/PWAD 462	 The Arab-Jews: Culture, Community, and Coexistence	
ASIA/WGST 471	 Gender and Sexuality in Middle Eastern Literature	
ASIA 692H	 Senior Honors Thesis II	


**At most one course may be chosen from:**


GEOG 59	 First-Year Seminar: Space, Identity, and Power in the Middle East <sup>1</sup>	
SOCI 60	 First-Year Seminar: Sociology of the Islamic World <sup>1</sup>	
ASIA/HIST 138	History of Muslim Societies to 1500	
ASIA/HIST 139	 History of Muslim Societies since 1500	
ASIA/RELI 180	 Introduction to Islamic Civilization	
ASIA/RELI 181	 Modern Muslim Societies	
RELI 185	 Women/Gender/Islam <sup>H</sup>	
ASIA/HIST 276	 The Modern Middle East	
ASIA/HIST 277	 The Conflict over Israel/Palestine	
RELI/ASIA 279	 Islamic Law, Ethics, and Practice	


SOCI 419  Sociology of the Islamic World


ASIA/PWAD 435  The Cinemas of the Middle East and North Africa


ASIA/GEOG 447  Gender, Space, and Place in the Middle East


GEOG 448  Transnational Geographies of Muslim Societies

RELI 480  Modern Muslim Literatures

RELI/ASIA 485  Gender and Sexuality in Islam


RELI/ASIA 486  Islam and Feminism/Islamic Feminism


ASIA/HIST 536  Revolution in the Modern Middle East


ASIA/HIST 537  Women in the Middle East


ASIA/HIST 538  The Middle East and the West


ASIA/RELI 581  Sufism

ASIA/RELI 582  Islam and Islamic Art in South Asia

ASIA/RELI 584  The Qur'an as Literature

RELI/ASIA 587  Islam and Sexual Diversity

FREN 617  Framing Identities: Franco-Arab Transvisual Transcultural Contexts

ARAB/ASIA/RELI 681  Readings in Islamicate Literatures

or approved courses taken in UNC–Chapel Hill-sponsored study abroad programs

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> No more than one first-year seminar may be counted among the eight major courses.

Students majoring in Arab cultures are strongly encouraged to take additional Arabic literature or culture courses as electives or to fulfill General Education requirements.

Note that ARAB 308 does not count toward this major.

Placement credit (PL) may not be used to meet core requirements for the concentration.

With the approval of the associate chair of Asian and Middle Eastern Studies, a student may count a course in directed readings (ASIA 496 or ARAB 496) in the concentration in Arab cultures. To register for ASIA 496 or ARAB 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The Department of Asian and Middle Eastern Studies requires that *all* students with prior knowledge of Arabic take a placement test. Their beginning language course at UNC is decided by the placement result (not by test credit or transfer credit).

A student's initial placement is the most important determinant of how long it will take to complete the major. It's also important to be aware that almost all Arabic language courses are only offered in fall or spring, but not both.

## Sample Plan One

This plan is for a student who either is a beginner in Arabic, or has some background but has placed into ARAB 101.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
ARAB 101 Elementary Arabic I (fall only)	4
ARAB 102 Elementary Arabic II (spring only)	4
Major culture course, from the introductory courses list	3
<b>Hours</b>	<b>22</b>
<b>Sophomore Year</b>	
ARAB 203  Intermediate Arabic I (fall only)	4
ARAB 204 Intermediate Arabic II (spring only)	4
Major culture course	3
<b>Hours</b>	<b>11</b>
<b>Junior Year</b>	
ARAB 305 Advanced Arabic I (fall only)	3
ARAB 306 Advanced Arabic II (spring only)	3
ARAB 300 Arabic Grammar and Composition (spring only)	3
Major culture course	3
<b>Hours</b>	<b>12</b>
<b>Senior Year</b>	
Major culture course	3
Either of:	3
ARAB 4-- ARAB 400-Level Elective (4th-year language course, if available)	
Major culture course	
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>51</b>

## Sample Plan Two

This plan is for a student who has placed into ARAB 203.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1

ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
ARAB 203  Intermediate Arabic I (fall only)	4
ARAB 204 Intermediate Arabic II (spring only)	4
Major culture course, from the introductory courses list	3
<b>Hours</b>	<b>22</b>
<b>Sophomore Year</b>	
ARAB 305 Advanced Arabic I (fall only)	3
ARAB 306 Advanced Arabic II (spring only)	3
ARAB 300 Arabic Grammar and Composition (spring only)	3
Major culture course	3
<b>Hours</b>	<b>12</b>
<b>Junior Year</b>	
Major culture course	3
Either of:	3
ARAB 4-- ARAB 400-Level Elective (4th-year language course, if available)	
Major culture course	
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
Either of:	3
ARAB 4-- ARAB 400-Level Elective (4th-year language course, if available)	
Major culture course	
<b>Hours</b>	<b>3</b>
<b>Total Hours</b>	<b>43</b>

## Sample Plan Three

This plan is for a student who has placed into ARAB 305.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
ARAB 305 Advanced Arabic I (fall only)	3
ARAB 306 Advanced Arabic II (spring only)	3
Major culture course, from the introductory courses list	3
<b>Hours</b>	<b>20</b>
<b>Sophomore Year</b>	
ARAB 300 Arabic Grammar and Composition (spring only)	3
Major culture course	3
<b>Hours</b>	<b>6</b>

<b>Junior Year</b>	
Major culture course	3
Either of:	3
ARAB 4— ARAB 400-Level Elective (4th-year language course, if available)	
Major culture course	
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
Either of:	3
ARAB 4— ARAB 400-Level Elective (4th-year language course, if available)	
Major culture course	
<b>Hours</b>	<b>3</b>
<b>Total Hours</b>	<b>35</b>

## Special Opportunities in Asian Studies

### Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, Korean studies, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

### Departmental Involvement

The department sponsors a variety of cultural events — lectures, film series, performances, and more — as well as social and informational events where students can get to know each other and faculty members in an informal setting. Faculty members in the department serve as advisors to some of the many Asia-related student organizations on campus, such as the Japan Club, Chinese Conversation Club, Hebrew Table, and more.

### Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic, Chinese, Hindi-Urdu, or Korean but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history or religious studies. This LAC recitation section offers students the opportunity to use their Arabic, Chinese, Hindi-Urdu, or Korean language skills in a broader intellectual context.

### Libraries

The University has rich collections of books and periodicals on Asia in the relevant Asian languages, as well as in English and other Western languages. Experts in the collection development department for Davis Library are available to help students locate the materials they need. The University also has an outstanding collection of Asian films and other

audiovisual materials, housed in the Media Resource Center at House Library.

### Speaker Series

The department sponsors an annual speaker series. These events include lectures by prominent artists, scholars, and writers and are often cosponsored by other units on campus.

### Study Abroad

UNC—Chapel Hill sponsors several study programs (summer, semester, and yearlong) in China, Egypt, India, Israel, Japan, Jordan, Korea, Mongolia, Morocco, Nepal, Oman, Singapore, Taiwan, Thailand, Turkey, and Vietnam. Asian studies majors are strongly encouraged to take advantage of these opportunities to live and study in an Asian setting; UNC-approved study abroad programs also satisfy the experiential education requirement. For further information on these programs and other study abroad opportunities in Asia, contact the UNC Study Abroad Office.

### Undergraduate Research

The department actively encourages undergraduate student research. Through classes, advising, and office hours, faculty members guide students toward defining areas of interest, conceptualizing research questions, identifying sources, and writing academic papers. Students may pursue research through independent studies, the senior honors thesis, and study abroad research opportunities such as the Burch Fellowship. Asian studies students have received a variety of competitive research support and travel awards, won regional contests for undergraduate papers, published papers in academic journals, and presented their work at such events as the Senior Colloquium in Asian Studies and the campuswide Annual Celebration of Undergraduate Research in the spring.

## Department Programs

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.—Chinese Concentration (p. 185)
- Asian Studies Major, B.A.—Japanese Concentration (p. 190)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs



- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

### Department of Asian and Middle Eastern Studies

Visit Program Website (<http://asianstudies.unc.edu>)

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## Asian Studies Major, B.A. – Chinese Concentration

Globally, China occupies a prominent position in many respects. With 1.4 billion inhabitants, it is the most populous country in the world. It spans five time zones, has a surface area roughly the size of the United States, and its economy is projected to become the world's largest before the end of this decade. China is the place of origin of one of the oldest cultural traditions in the world, with written records dating back more than three thousand years. Many elements of the traditional cultures of neighboring East Asian countries (such as Vietnam, Korea, and Japan) can be traced back to China. Finally, rapid economic development over the past few decades has bolstered China's political and military aspirations to become a global superpower. A knowledge of Chinese language and culture will enable students to explore the long and complex history of China and better understand China's role in the 21st century.

The Chinese program offers an extensive array of courses in Chinese (Mandarin) language, premodern and modern Chinese and Sinophone literature, history, philosophy, society, and film. This allows students to satisfy foreign language requirements, major or minor in Chinese, or complete a Chinese track M.A. degree. Students benefit from one of the strongest Chinese language curriculum programs in the country and extensive resources, including advanced courses in Chinese, language-intensive study abroad opportunities, Chinese library resources, the Chinese Undergraduate Student Association, the Chinese Living-Learning Residential Community, the student-led Duke–UNC China Leadership Summit, and the Chinese Language Table. Students who complete this major acquire the linguistic and cultural competence to work in various fields including diplomacy, law, health and STEM fields, finance, business, journalism, non-profit organizations, education, and academia.

## Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:

- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The concentration in Chinese can be pursued along one of two tracks, depending on the student's initial Chinese language placement. Both tracks require eight courses. Students whose initial language placement is above CHIN 305 or CHIN 313 should consult the department.

- Track A (p. 185) is for students who have completed CHIN 204
- Track B (p. 186) is for students who have completed CHIN 212

### Track A

Code	Title	Hours
<b>Core Requirements</b>		
At least four language courses above CHIN 204, chosen from:		12
CHIN 305	Advanced Chinese I	
CHIN 306	Advanced Chinese II	
CHIN 407	 Readings in Modern Chinese I	
CHIN 408	 Readings in Modern Chinese II	
CHIN 441	 Chinese-English Translation and Interpreting	
CHIN 443	Business Communication in Chinese	
CHIN 445	Chinese Tea Culture and Its Changing Landscape	
CHIN 490	Topics in Chinese Literature and Language	
CHIN 510	 Introduction to Classical Chinese	
CHIN 521	Chinese History in Chinese	
CHIN 525	 Ancient Philosophers and Their Modern Reincarnation	
CHIN 590	Advanced Topics in Chinese Literature and Language	
CHIN 624	Chinese Internet Literature	
CHIN 631	 Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	

At least two culture courses (chosen from list below)	6
Two more courses that may be from either the language list or the culture list	6

### Additional Requirements

Chinese through level 4 <sup>1</sup>	4
<b>Total Hours</b>	<b>28</b>

<sup>1</sup> The first three levels of Chinese (CHIN) can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

### Culture Courses

Code	Title	Hours
ASIA 52	First-Year Seminar: Food in Chinese Culture	3
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
CHIN 150	Introduction to Chinese Civilization	3
CHIN/CMPL 238	From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3
CHIN 242	Chinese Qin Music	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3
CHIN/CMPL 247	Indigenous Spiritualities in Literatures of China and Taiwan <sup>H</sup>	3
CHIN 252	Introduction to Chinese Culture through Narrative	3
CHIN 253	Chinese Language and Society	3
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	3
CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
CHIN 356	Chinese Environmental Literature	3
CHIN 361	Chinese Traditional Theater	3
CHIN 367	Illustration and the Animation of Text	3
ASIA 453	Global Shangri-La: Tibet in the Modern World	3
CHIN 463	Narrative Ethics in Modern China	3
CHIN 464	The City in Modern Chinese Literature and Film	3
CHIN 475	Confucianism: Origin, History, and Contemporary Relevance	3
CHIN 476	Daoism: Origin, History, and Contemporary Relevance	3
CHIN/CMPL/WGST 480	Queering China	3
CHIN 545	Chinese Science Fiction	3
CHIN 551	Chinese Poetry in Translation	3
CHIN 552	Chinese Prose in Translation	3
CHIN 562	Contemporary Chinese Urban Culture and Arts	3
ASIA 692H	Senior Honors Thesis II	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Track B

Code	Title	Hours
<b>Core Requirements</b>		
At least four language courses above CHIN 212, chosen from:		12
CHIN 313	Advanced Written Chinese	
CHIN 441	Chinese-English Translation and Interpreting	
CHIN 443	Business Communication in Chinese	
CHIN 445	Chinese Tea Culture and Its Changing Landscape	
CHIN 490	Topics in Chinese Literature and Language	
CHIN 510	Introduction to Classical Chinese	
CHIN 521	Chinese History in Chinese	
CHIN 525	Ancient Philosophers and Their Modern Reincarnation	
CHIN 590	Advanced Topics in Chinese Literature and Language	
CHIN 624	Chinese Internet Literature	
CHIN 631	Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	
At least two culture courses (chosen from list below)		6
Two more courses that may be from either the language list or the culture list		6
<b>Additional Requirements</b>		
CHIN 111 and CHIN 212 <sup>1</sup>		0
<b>Total Hours</b>		<b>24</b>

<sup>1</sup> The first two courses on track B in Chinese (CHIN 111 and CHIN 212) can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

### Culture Courses

Code	Title	Hours
ASIA 52	First-Year Seminar: Food in Chinese Culture	3
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
CHIN 150	Introduction to Chinese Civilization	3
CHIN/CMPL 238	From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3
CHIN 242	Chinese Qin Music	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3
CHIN/CMPL 247	Indigenous Spiritualities in Literatures of China and Taiwan <sup>H</sup>	3

CHIN 252	Introduction to Chinese Culture through Narrative	3
CHIN 253	Chinese Language and Society	3
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	3
CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
CHIN 356	Chinese Environmental Literature	3
CHIN 361	Chinese Traditional Theater	3
CHIN 367	Illustration and the Animation of Text	3
ASIA 453	Global Shangri-La: Tibet in the Modern World	3
CHIN 463	Narrative Ethics in Modern China	3
CHIN 464	The City in Modern Chinese Literature and Film	3
CHIN 475	Confucianism: Origin, History, and Contemporary Relevance	3
CHIN 476	Daoism: Origin, History, and Contemporary Relevance	3
CHIN/CMPL/ WGST 480	Queering China	3
CHIN 545	Chinese Science Fiction	3
CHIN 551	Chinese Poetry in Translation	3
CHIN 552	Chinese Prose in Translation	3
CHIN 562	Contemporary Chinese Urban Culture and Arts	3
ASIA 692H	Senior Honors Thesis II	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Additional Notes for Both Tracks

Approved language courses taken in UNC–Chapel Hill-sponsored study abroad programs may count in the concentration. However, study abroad courses may not substitute for any of the culture courses, which must be taken in the Department of Asian and Middle Eastern Studies. No more than one first-year seminar or senior honors thesis course may be included among the culture courses.

Placement credit (PL) may not be used to meet core requirements for the concentration.

With the approval of the associate chair of Asian and Middle Eastern Studies, a student may count a course in directed readings (ASIA 496 or CHIN 496) in the concentration in Chinese. To register for ASIA 496 or CHIN 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students

entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The Department of Asian and Middle Eastern Studies requires that *all* students with prior knowledge of Chinese take a placement test. Their beginning language course at UNC is decided by the placement result (not by test credit or transfer credit). That initial placement also determines which track the student will be on; the Chinese language program has two tracks, A (regular) and B (heritage).

A student's initial placement is the most important determinant of how long it will take to complete the major. It's also important to be aware that almost all Chinese language courses are only offered in fall or spring, but not both.

## Sample Plan One

This plan is for a student who either is a beginner in Chinese, or has some background but has placed into CHIN 101.

First Year		Hours
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)		3
Triple-I and Data Literacy (p. 1179)		4
<b>Major Courses</b>		
CHIN 101	Elementary Chinese I (fall only)	4
CHIN 102	Elementary Chinese II (spring only)	4
Major culture course <sup>1</sup>		3
<b>Hours</b>		<b>22</b>
<b>Sophomore Year</b>		
CHIN 203	Intermediate Chinese I (fall only)	4
CHIN 204	Intermediate Chinese II (spring only)	4
Major culture course		3
<b>Hours</b>		<b>11</b>
<b>Junior Year</b>		
CHIN 305	Advanced Chinese I (fall only)	3
CHIN 306	Advanced Chinese II (spring only)	3
Major culture course		3
<b>Hours</b>		<b>9</b>
<b>Senior Year</b>		
CHIN 407	Readings in Modern Chinese I (fall only)	3
CHIN 408	Readings in Modern Chinese II (spring only)	3
Major culture course		3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>51</b>

<sup>1</sup> Students can also fulfill this requirement by taking a first-year seminar in the major.

## Sample Plan Two

This plan is for a student who has placed into CHIN 203.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
CHIN 203  Intermediate Chinese I (fall only)	4
CHIN 204  Intermediate Chinese II (spring only)	4
Major culture course <sup>1</sup>	3
<b>Hours</b>	<b>22</b>
<b>Sophomore Year</b>	
CHIN 305  Advanced Chinese I (fall only)	3
CHIN 306  Advanced Chinese II (spring only)	3
Major culture course	3
<b>Hours</b>	<b>9</b>
<b>Junior Year</b>	
CHIN 407  Readings in Modern Chinese I (fall only)	3
CHIN 408  Readings in Modern Chinese II (spring only)	3
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
Select two courses from the following:	6
CHIN 441  Chinese-English Translation and Interpreting	
CHIN 443  Business Communication in Chinese	
CHIN 445  Chinese Tea Culture and Its Changing Landscape	
CHIN 490  Topics in Chinese Literature and Language	
CHIN 510  Introduction to Classical Chinese	
Major culture course	
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>43</b>

<sup>1</sup> Students can also fulfill this requirement by taking a first-year seminar in the major.

### Sample Plan Three

This plan is for a student who has placed into CHIN 111 (first course on the heritage track).

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
CHIN 111  Elementary Written Chinese (fall only)	3
CHIN 212  Intermediate Written Chinese (spring only)	3

Major culture course <sup>1</sup>	3
<b>Hours</b>	<b>20</b>
<b>Sophomore Year</b>	
CHIN 313  Advanced Written Chinese (fall only)	3
One of the following courses (spring only):	3
CHIN 441  Chinese-English Translation and Interpreting	
CHIN 443  Business Communication in Chinese	
CHIN 445  Chinese Tea Culture and Its Changing Landscape	
CHIN 490  Topics in Chinese Literature and Language	
CHIN 510  Introduction to Classical Chinese	
CHIN 521  Chinese History in Chinese	
CHIN 525  Ancient Philosophers and Their Modern Reincarnation	
CHIN 590  Advanced Topics in Chinese Literature and Language	
Major culture course	3
<b>Hours</b>	<b>9</b>
<b>Junior Year</b>	
Select two courses from the following list:	6
CHIN 441  Chinese-English Translation and Interpreting	
CHIN 443  Business Communication in Chinese	
CHIN 445  Chinese Tea Culture and Its Changing Landscape	
CHIN 490  Topics in Chinese Literature and Language	
CHIN 510  Introduction to Classical Chinese	
CHIN 521  Chinese History in Chinese	
CHIN 525  Ancient Philosophers and Their Modern Reincarnation	
CHIN 590  Advanced Topics in Chinese Literature and Language	
CHIN 624  Chinese Internet Literature	
CHIN 631  Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
Select two courses from the following list:	6
CHIN 441  Chinese-English Translation and Interpreting	
CHIN 443  Business Communication in Chinese	
CHIN 445  Chinese Tea Culture and Its Changing Landscape	
CHIN 490  Topics in Chinese Literature and Language	
CHIN 510  Introduction to Classical Chinese	
CHIN 521  Chinese History in Chinese	
CHIN 525  Ancient Philosophers and Their Modern Reincarnation	
CHIN 590  Advanced Topics in Chinese Literature and Language	
CHIN 624  Chinese Internet Literature	
CHIN 631  Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	

Major culture course	
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>41</b>

<sup>1</sup> Students can also fulfill this requirement by taking a first-year seminar in the major.

## Sample Plan Four

This plan is for a student who has placed into CHIN 313 (third semester on the heritage track).

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
CHIN 313 Advanced Written Chinese (fall only)	3
One of the following courses (spring):	3
CHIN 441  Chinese-English Translation and Interpreting	
CHIN 443  Business Communication in Chinese	
CHIN 445  Chinese Tea Culture and Its Changing Landscape	
CHIN 490  Topics in Chinese Literature and Language	
CHIN 510  Introduction to Classical Chinese	
CHIN 521  Chinese History in Chinese	
CHIN 525  Ancient Philosophers and Their Modern Reincarnation	
CHIN 590  Advanced Topics in Chinese Literature and Language	
Major culture course <sup>1</sup>	3
<b>Hours</b>	<b>20</b>
<b>Sophomore Year</b>	
Select two courses from the following list:	6
CHIN 441  Chinese-English Translation and Interpreting	
CHIN 443  Business Communication in Chinese	
CHIN 445  Chinese Tea Culture and Its Changing Landscape	
CHIN 490  Topics in Chinese Literature and Language	
CHIN 510  Introduction to Classical Chinese	
CHIN 521  Chinese History in Chinese	
CHIN 525  Ancient Philosophers and Their Modern Reincarnation	
CHIN 590  Advanced Topics in Chinese Literature and Language	
CHIN 624  Chinese Internet Literature	
CHIN 631  Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	
Major culture course	3
<b>Hours</b>	<b>9</b>

## Junior Year

Select one course from the following list:	3
CHIN 441  Chinese-English Translation and Interpreting	
CHIN 443  Business Communication in Chinese	
CHIN 445  Chinese Tea Culture and Its Changing Landscape	
CHIN 490  Topics in Chinese Literature and Language	
CHIN 510  Introduction to Classical Chinese	
CHIN 521  Chinese History in Chinese	
CHIN 525  Ancient Philosophers and Their Modern Reincarnation	
CHIN 590  Advanced Topics in Chinese Literature and Language	
CHIN 624  Chinese Internet Literature	
CHIN 631  Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	
Major culture course	

**Hours** **3**

## Senior Year

Select one course from the following list:	3
CHIN 441  Chinese-English Translation and Interpreting	
CHIN 443  Business Communication in Chinese	
CHIN 445  Chinese Tea Culture and Its Changing Landscape	
CHIN 490  Topics in Chinese Literature and Language	
CHIN 510  Introduction to Classical Chinese	
CHIN 525  Ancient Philosophers and Their Modern Reincarnation	
CHIN 590  Advanced Topics in Chinese Literature and Language	
CHIN 624  Chinese Internet Literature	
CHIN 631  Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	
Major culture course	

**Hours** **3**

**Total Hours** **35**

<sup>1</sup> Students can also fulfill this requirement by taking a first-year seminar in the major.

## Special Opportunities in Asian Studies

### Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, Korean studies, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet

the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

## Departmental Involvement

The department sponsors a variety of cultural events – lectures, film series, performances, and more – as well as social and informational events where students can get to know each other and faculty members in an informal setting. Faculty members in the department serve as advisors to some of the many Asia-related student organizations on campus, such as the Japan Club, Chinese Conversation Club, Hebrew Table, and more.

## Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic, Chinese, Hindi-Urdu, or Korean but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history or religious studies. This LAC recitation section offers students the opportunity to use their Arabic, Chinese, Hindi-Urdu, or Korean language skills in a broader intellectual context.

## Libraries

The University has rich collections of books and periodicals on Asia in the relevant Asian languages, as well as in English and other Western languages. Experts in the collection development department for Davis Library are available to help students locate the materials they need. The University also has an outstanding collection of Asian films and other audiovisual materials, housed in the Media Resource Center at House Library.

## Speaker Series

The department sponsors an annual speaker series. These events include lectures by prominent artists, scholars, and writers and are often cosponsored by other units on campus.

## Study Abroad

UNC–Chapel Hill sponsors several study programs (summer, semester, and yearlong) in China, Egypt, India, Israel, Japan, Jordan, Korea, Mongolia, Morocco, Nepal, Oman, Singapore, Taiwan, Thailand, Turkey, and Vietnam. Asian studies majors are strongly encouraged to take advantage of these opportunities to live and study in an Asian setting; UNC-approved study abroad programs also satisfy the experiential education requirement. For further information on these programs and other study abroad opportunities in Asia, contact the UNC Study Abroad Office.

## Undergraduate Research

The department actively encourages undergraduate student research. Through classes, advising, and office hours, faculty members guide students toward defining areas of interest, conceptualizing research questions, identifying sources, and writing academic papers. Students may pursue research through independent studies, the senior honors thesis, and study abroad research opportunities such as the Burch Fellowship. Asian studies students have received a variety of competitive research support and travel awards, won regional contests for undergraduate papers, published papers in academic journals, and presented their work at such events as the Senior Colloquium in Asian

Studies and the campuswide Annual Celebration of Undergraduate Research in the spring.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.–Chinese Concentration (p. 185)
- Asian Studies Major, B.A.–Japanese Concentration (p. 190)
- Asian Studies Major, B.A.–Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

### Department of Asian and Middle Eastern Studies

Visit Program Website (<http://asianstudies.unc.edu>)

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## Asian Studies Major, B.A. – Japanese Concentration

Japan is a democracy with a robust economy, advanced technology in fields including AI and robotics, and a major role in international relations. Japanese popular culture, from anime to video games, has been influential across the U.S. and across the globe. Friendships with

Japanese, travel abroad, enjoying Japanese food locally, as well as the practice of martial arts and the love of Japanese popular media have motivated students to pursue the study of Japanese at Carolina. In the program, students enjoy meeting others with similar enthusiasms and often take part in extracurricular activities such as the Japan Club and the anime club (COUp).

## Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:

- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
JAPN 305	Advanced Japanese I <sup>1</sup>	3
JAPN 306	Advanced Japanese II	3
At least three advanced Japanese courses from the list below		9
At least two culture courses from the list below <sup>2</sup>		6
One more course that may be from either the advanced Japanese list or the culture list <sup>2</sup>		3
<b>Additional Requirements</b>		
Japanese through level 4 <sup>3</sup>		4
<b>Total Hours</b>		<b>28</b>

<sup>1</sup> Students whose initial language placement is above JAPN 305 should consult the department.

<sup>2</sup> No more than one first-year seminar or senior honors thesis course may be included among the culture courses.


<sup>3</sup> The first three levels of Japanese (JAPN) can count toward the General Education global language requirement and have not been included as additional hours for the major.

Approved courses taken in UNC–Chapel Hill-sponsored study abroad programs may count in the concentration.














Placement credit (PL) may not be used to meet core requirements for the concentration.

With the approval of the associate chair of Asian and Middle Eastern Studies, a student may count a course in directed readings (ASIA 496 or JAPN 496) in the concentration in Japanese. To register for ASIA 496 or JAPN 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

## Advanced Japanese Courses

Code	Title	Hours
JAPN 401	Gateway to Mastering Japanese	3
JAPN 408	Japanese Journalism	3
JAPN 410	Topics in Contemporary Japanese Literature	3
JAPN 411	Food and Culture in Japan	3
JAPN 412	 Making Music in Japan	3
JAPN 414	 Manga as a Japanese Art and Culture	3
JAPN 415	Sports in Japanese Culture	3
JAPN 416	Understanding Japanese Business Culture and Its Practice	3
JAPN 417	 Japanese Culture through Film and Literature	3
JAPN 418	 Service Learning in Japanese Language	3
JAPN 490	Topics in Japanese Language and Literature	3
JAPN 521	 Investigating Japanese Culture through TV Dramas	3
JAPN 590	Advanced Topics in Japanese Language and Literature	3

## Culture Courses

Code	Title	Hours
ASIA 63	 First-Year Seminar: Japanese Tea Culture	3
JAPN 160	 Introduction to Japanese Literature in Translation	3
JAPN 162	 Japanese Popular Culture	3
ASIA 233	 Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
JAPN 246/ HIST 247	 Early Modern Japanese History and Culture	3
HIST 271/ JAPN 231	 Ancient and Medieval Japanese History and Culture	3
JAPN 277	 Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3
JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945	3
ASIA/CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3
ASIA/CMPL/ WGST 380	 Almost Despicable Heroines in Japanese and Western Literature	3
JAPN 451	 Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3
JAPN 482	 Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
ASIA/CMPL 483	 Cross-Currents in East-West Literature	3

JAPN/LING 563	Structure of Japanese	3
ASIA 692H	Senior Honors Thesis II	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The Department of Asian and Middle Eastern Studies requires that *all* students with prior knowledge of Japanese take a placement test. Their beginning language course at UNC is decided by the placement result (not by test credit or transfer credit).

A student's initial placement is the most important determinant of how long it will take to complete the major. It's also important to be aware that almost all Japanese language courses are only offered in fall or spring, but not both.

### Sample Plan One

This plan is for a student who either is a beginner in Japanese, or has some background but has placed into JAPN 101.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
JAPN 101 Elementary Japanese I (fall only)	4
JAPN 102 Elementary Japanese II (spring only)	4
Major culture course <sup>1</sup>	3
<b>Hours</b>	<b>22</b>
<b>Sophomore Year</b>	
JAPN 203  Intermediate Japanese I (fall only)	4
JAPN 204 Intermediate Japanese II (spring only)	4
Major culture course	3
<b>Hours</b>	<b>11</b>
<b>Junior Year</b>	
JAPN 305 Advanced Japanese I (fall only)	3
JAPN 306 Advanced Japanese II (spring only)	3
Major culture course	3
<b>Hours</b>	<b>9</b>

Senior Year		
JAPN 401	Gateway to Mastering Japanese (fall only)	3
JAPN 4--	JAPN 400-Level Elective (Two 4th-year language courses)	6
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>51</b>

<sup>1</sup> Students can also fulfill this requirement by taking a first-year seminar in the major.

### Sample Plan Two

This plan is for a student who either is a beginner in Japanese, or has some background but has placed into JAPN 101, and who does a summer study abroad program.

First Year	Hours	
<b>First-Year Foundation Courses</b>		
IDST 101  College Thriving	1	
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3	
First-Year Seminar or First-Year Launch (p. 1171)	3	
Triple-I and Data Literacy (p. 1179)	4	
<b>Major Courses</b>		
JAPN 101 Elementary Japanese I (fall only)	4	
JAPN 102 Elementary Japanese II (spring only)	4	
Major culture course <sup>1</sup>	3	
<b>Summer after first year</b>		
JAPN 203  Intermediate Japanese I (in UNC Summer in Tokyo program)	4	
JAPN 204 Intermediate Japanese II (in UNC Summer in Tokyo program)	4	
<b>Hours</b>	<b>30</b>	
<b>Sophomore Year</b>		
JAPN 305 Advanced Japanese I (fall only)	3	
JAPN 306 Advanced Japanese II (spring only)	3	
Major culture course	3	
<b>Hours</b>	<b>9</b>	
<b>Junior Year</b>		
JAPN 401	Gateway to Mastering Japanese (fall only)	3
JAPN 4--	JAPN 400-Level Elective (4th-year language course)	3
<b>Hours</b>		<b>6</b>
<b>Senior Year</b>		
JAPN 4--	JAPN 400-Level Elective (Two 4th-year language courses)	6
<b>Hours</b>		<b>6</b>
<b>Total Hours</b>		<b>51</b>

<sup>1</sup> Students can also fulfill this requirement by taking a first-year seminar in the major.



## Sample Plan Three

This plan is for a student who has placed into JAPN 102. Note that this scenario **will not always be possible** as it depends upon the offering of Elementary Japanese in the summer term, which happens in **some but not all years**.

First Year	Hours
<b>Summer before first year</b>	
JAPN 102 Elementary Japanese II (in second summer session)	4
<b>First year</b>	
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
JAPN 203  Intermediate Japanese I (fall only)	4
JAPN 204 Intermediate Japanese II (spring only)	4
Major culture course <sup>1</sup>	3
<b>Hours</b>	<b>26</b>
<b>Sophomore Year</b>	
JAPN 305 Advanced Japanese I (fall only)	3
JAPN 306 Advanced Japanese II (spring only)	3
Major culture course	3
<b>Hours</b>	<b>9</b>
<b>Junior Year</b>	
JAPN 401 Gateway to Mastering Japanese (fall only)	3
JAPN 4-- JAPN 400-Level Elective (4th-year language course)	3
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
JAPN 4-- JAPN 400-Level Elective (Two 4th-year language courses)	6
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>47</b>

<sup>1</sup> Students can also fulfill this requirement by taking a first-year seminar in the major.

## Sample Plan Four

This plan is for a student who has placed into JAPN 203.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4

<b>Major Courses</b>		Hours
JAPN 203  Intermediate Japanese I (fall only)		4
JAPN 204 Intermediate Japanese II (spring only)		4
Major culture course <sup>1</sup>		3
<b>Hours</b>		<b>22</b>
<b>Sophomore Year</b>		
JAPN 305 Advanced Japanese I (fall only)		3
JAPN 306 Advanced Japanese II (spring only)		3
Major culture course		3
<b>Hours</b>		<b>9</b>
<b>Junior Year</b>		
JAPN 401 Gateway to Mastering Japanese (fall only)		3
JAPN 4-- JAPN 400-Level Elective (4th-year language course)		3
<b>Hours</b>		<b>6</b>
<b>Senior Year</b>		
JAPN 4-- JAPN 400-Level Elective (Two 4th-year language courses)		6
<b>Hours</b>		<b>6</b>
<b>Total Hours</b>		<b>43</b>

<sup>1</sup> Students can also fulfill this requirement by taking a first-year seminar in the major.

## Sample Plan Five

This plan is for a student who has placed into JAPN 305.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
JAPN 305 Advanced Japanese I (fall only)	3
JAPN 306 Advanced Japanese II (spring only)	3
<b>Hours</b>	<b>17</b>
<b>Sophomore Year</b>	
JAPN 401 Gateway to Mastering Japanese (fall only)	3
JAPN 4-- JAPN 400-Level Elective (4th-year language course)	3
Major culture course	3
<b>Hours</b>	<b>9</b>
<b>Junior Year</b>	
JAPN 4-- JAPN 400-Level Elective (Two 4th-year language courses)	6
<b>Hours</b>	<b>6</b>

**Senior Year**

Major culture course	3
<b>Hours</b>	<b>3</b>
<b>Total Hours</b>	<b>35</b>

## Special Opportunities in Asian Studies Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, Korean studies, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

### Departmental Involvement

The department sponsors a variety of cultural events — lectures, film series, performances, and more — as well as social and informational events where students can get to know each other and faculty members in an informal setting. Faculty members in the department serve as advisors to some of the many Asia-related student organizations on campus, such as the Japan Club, Chinese Conversation Club, Hebrew Table, and more.

### Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic, Chinese, Hindi-Urdu, or Korean but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history or religious studies. This LAC recitation section offers students the opportunity to use their Arabic, Chinese, Hindi-Urdu, or Korean language skills in a broader intellectual context.

### Libraries

The University has rich collections of books and periodicals on Asia in the relevant Asian languages, as well as in English and other Western languages. Experts in the collection development department for Davis Library are available to help students locate the materials they need. The University also has an outstanding collection of Asian films and other audiovisual materials, housed in the Media Resource Center at House Library.

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advantage of these opportunities to live and study in an Asian setting; UNC-approved study abroad programs also satisfy the experiential education requirement. For further information on these programs and other study abroad opportunities in Asia, contact the UNC Study Abroad Office.

### Undergraduate Research

The department actively encourages undergraduate student research. Through classes, advising, and office hours, faculty members guide students toward defining areas of interest, conceptualizing research questions, identifying sources, and writing academic papers. Students may pursue research through independent studies, the senior honors thesis, and study abroad research opportunities such as the Burch Fellowship. Asian studies students have received a variety of competitive research support and travel awards, won regional contests for undergraduate papers, published papers in academic journals, and presented their work at such events as the Senior Colloquium in Asian Studies and the campuswide Annual Celebration of Undergraduate Research in the spring.

## Department Programs

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.—Chinese Concentration (p. 185)
- Asian Studies Major, B.A.—Japanese Concentration (p. 190)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

**Department of Asian and Middle Eastern Studies**  
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## Asian Studies Major, B.A. –Korean Studies Concentration

Korea occupies a place of significant geopolitical, economic, and cultural importance in the world. It is a unique country where five thousand years of history and tradition coexist with the most advanced technological and economic development. It is also a place where political and ideological differences divide the country into two Koreas (Republic of Korea, or South Korea, and Democratic Republic of Korea, or North Korea) that maintain one of the world’s most fortified military zones.

The Korean peninsula is home to over 72 million ethnic Koreans (North and South combined) and over 1.3 million recent migrants from all over the world. Approximately 7 million ethnic Koreans have migrated to other countries and have established diasporic communities in over 150 countries. The Korean language is spoken by over 75 million people around the world and ranks 13th among the most used languages in the world.

One of the first programs of its kind in the Southeast, the Korean Studies concentration in the Asian Studies degree allows students to combine Korean language study with an interdisciplinary set of courses in Korean culture, history, and society.

### Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:

- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom

















### Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The eight core courses (24 credit hours) consist of two to four language courses and four to six literature and culture courses, as described below.

Code	Title	Hours
<b>Core Requirements</b>		
At least two Korean language courses beyond KOR 204. <sup>1</sup>		6-12
KOR 305	Advanced Korean I	
KOR 306	 Advanced Korean II	
KOR 407	 Modern Korean Literature and Culture	
KOR 408	 Changes and Continuities in Korean History	
KOR 409	 Korean Through Current Affairs	
KOR 490	Topics in Korean Language and Literature	
At least one introductory-level course chosen from the following list: <sup>2</sup>		3-6
ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	
KOR 150	 History, Memory, and Reality in Contemporary Korea	
KOR 151	 Education and Social Changes in Contemporary Korea	
At least two Korean literature and culture courses chosen from the following list:		6-15
KOR/CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	
KOR/CMPL/ WGST 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	
KOR 327	 Korean Diasporas	
KOR 346/ CMPL 246	 Body Politics in Modern Korean Literature <sup>H</sup>	
ASIA 350	 The Asian American Experience	
ASIA 427/ CMPL 527/ PWAD 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	
KOR 447/ CMPL 547	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	
Other major courses		0-9
ASIA/ECON 469	 Asian Economic Systems	
ASIA 692H	 Senior Honors Thesis II	
<b>Additional Requirements</b>		
Korean through level 4		4
<b>Total Hours</b>		<b>28</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students whose initial language placement is above KOR 305 should consult the department.

<sup>2</sup> No more than two introductory courses (6 hours) may count toward the major. It is recommended that students take at least one of these

courses either prior to or concurrent with upper-level Korean literature and culture classes.

Approved courses taken in UNC–Chapel Hill-sponsored study abroad programs or taken from another institution may count in the concentration. No more than one first-year seminar may be counted among the eight major courses.

Placement credit (PL) may not be used to meet core requirements for the concentration.

With the approval of the associate chair of Asian and Middle Eastern Studies, a student may count a course in directed readings (KOR 496) in the concentration in Korean studies. To register, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

## Sample Plan of Study





Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.


The Department of Asian and Middle Eastern Studies requires that *all* students with prior knowledge of Korean take a placement test. Their beginning language course at UNC is decided by the placement result (not by test credit or transfer credit).

A student's initial placement is the most important determinant of how long it will take to complete the major. It's also important to be aware that almost all Korean language courses are only offered in fall or spring, but not both.

### Sample Plan One






This plan is for a student who either is a beginner in Korean, or has some background but has placed into KOR 101.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
KOR 101 Elementary Korean I (fall only)	4
KOR 102 Elementary Korean II (spring only)	4
Major culture course, from the introductory courses list	3
<b>Hours</b>	<b>22</b>
<b>Sophomore Year</b>	
KOR 203  Intermediate Korean I (fall only)	4
KOR 204 Intermediate Korean II (spring only)	4

Major culture course, from Korean literature & culture list	3
<b>Hours</b>	<b>11</b>
<b>Junior Year</b>	
KOR 305 Advanced Korean I (fall only)	3
KOR 306  Advanced Korean II (spring only)	3
Major culture course, from Korean literature & culture list	3
Major culture course	3
<b>Hours</b>	<b>12</b>
<b>Senior Year</b>	
Major culture course	3
Either of:	3
KOR 4-- KOR 400-Level Elective (4th-year language course, if available)	
Major culture course	
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>51</b>

### Sample Plan Two

This plan is for a student who has placed into KOR 203.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
KOR 203  Intermediate Korean I (fall only)	4
KOR 204 Intermediate Korean II (spring only)	4
Major culture course, from the introductory courses list	3
<b>Hours</b>	<b>22</b>
<b>Sophomore Year</b>	
KOR 305 Advanced Korean I (fall only)	3
KOR 306  Advanced Korean II (spring only)	3
Major culture course, from Korean literature & culture list	3
<b>Hours</b>	<b>9</b>
<b>Junior Year</b>	
Major culture course, from Korean literature & culture list	3
Either of:	3
KOR 4-- KOR 400-Level Elective (4th-year language course, if available)	
Major culture course	
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
Major culture course	3
Either of:	3
KOR 4-- KOR 400-Level Elective (4th-year language course, if available)	

Major culture course	
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>43</b>

### Sample Plan Three

This plan is for a student who has placed into KOR 305.

First Year		Hours
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)		3
Triple-I and Data Literacy (p. 1179)		4
<b>Major Courses</b>		
KOR 305	Advanced Korean I (fall only)	3
KOR 306	Advanced Korean II (spring only)	3
Major culture course, from the introductory courses list		3
<b>Hours</b>		<b>20</b>
<b>Sophomore Year</b>		
Major culture course, from Korean literature & culture list		3
Either of:		3
KOR 4--	KOR 400-Level Elective (4th-year language course, if available)	
Major culture course		
<b>Hours</b>		<b>6</b>
<b>Junior Year</b>		
Major culture course, from Korean literature & culture list		3
Either of:		3
KOR 4--	KOR 400-Level Elective (4th-year language course, if available)	
Major culture course		
<b>Hours</b>		<b>6</b>
<b>Senior Year</b>		
Either of:		3
KOR 4--	KOR 400-Level Elective (4th-year language course, if available)	
Major culture course		
<b>Hours</b>		<b>3</b>
<b>Total Hours</b>		<b>35</b>

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### Honors in Asian Studies

A candidate for honors in Asian studies will write a substantial paper under the guidance of a faculty member. While researching and writing the honors paper, the student will enroll in ASIA 691H and ASIA 692H. ASIA 692H may count as one of the interdisciplinary courses for the major; ASIA 691H will count for elective credit only. In the case of the concentrations in Arab cultures, Chinese, Japanese, Korean studies, and South Asian studies, ASIA 692H may count toward the major in the concentration.

A committee composed of at least two faculty members will examine the candidate. To be accepted as an honors candidate, a student must meet the University's requirement of a minimum overall grade point average of 3.3, secure the consent of a faculty member in the Asian studies field to act as advisor for the project, and submit a proposal to the associate chair of Asian studies for approval.

### Departmental Involvement

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### Languages across the Curriculum

The department participates in the Languages across the Curriculum (LAC) program, offering a one-credit-hour discussion section that is conducted in Arabic, Chinese, Hindi-Urdu, or Korean but associated with a variety of courses offered in English, both in Asian studies and in such other departments as history or religious studies. This LAC recitation section offers students the opportunity to use their Arabic, Chinese, Hindi-Urdu, or Korean language skills in a broader intellectual context.

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The University has rich collections of books and periodicals on Asia in the relevant Asian languages, as well as in English and other Western languages. Experts in the collection development department for Davis Library are available to help students locate the materials they need. The University also has an outstanding collection of Asian films and other audiovisual materials, housed in the Media Resource Center at House Library.

### Speaker Series

The department sponsors an annual speaker series. These events include lectures by prominent artists, scholars, and writers and are often cosponsored by other units on campus.

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### Undergraduate Research

The department actively encourages undergraduate student research. Through classes, advising, and office hours, faculty members guide students toward defining areas of interest, conceptualizing research questions, identifying sources, and writing academic papers. Students may pursue research through independent studies, the senior honors thesis, and study abroad research opportunities such as the Burch Fellowship. Asian studies students have received a variety of competitive research support and travel awards, won regional contests for undergraduate papers, published papers in academic journals, and presented their work at such events as the Senior Colloquium in Asian

Studies and the campuswide Annual Celebration of Undergraduate Research in the spring.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.–Chinese Concentration (p. 185)
- Asian Studies Major, B.A.–Japanese Concentration (p. 190)
- Asian Studies Major, B.A.–Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

### Department of Asian and Middle Eastern Studies

Visit Program Website (<http://asianstudies.unc.edu>)

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### Student Services Specialist

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## Asian Studies Major, B.A.–South Asian Studies Concentration

South Asia refers to a geographic region comprising the nations of Afghanistan, Pakistan, India, Nepal, Bhutan, Bangladesh, Bhutan, the Maldives, and Sri Lanka. With strong cultural ties to the region, Iran, Myanmar, and Tibet are also sometimes considered part of South Asia.

Some 5,000 years ago, the highly developed Indus Valley Civilization developed along the Indus River system in present-day Pakistan and northwest India. Over the course of its history, South Asia has been divided into various polities, but in the premodern period experienced significant political consolidation under the Mauryas, the Guptas, the Delhi Sultanate, the Mughals, and the Marathas.

Across South Asia there is vast cultural diversity, with its many regional languages and scripts, distinctive and beautiful styles of vernacular literature/poetry, arts, architecture, performance/theatre, music, and dance. South Asia is the birthplace of several world religions, namely Hinduism, Buddhism, Jainism, and Sikhism. Islam is another world religion found in South Asia, and Sufism, in particular, has flourished there. Pakistan, Indian, and Bangladesh together are home to about 30 percent of the world's Muslim population.

Courses in this concentration span various time periods and cultural forms, although many are situated in the modern period and emphasize literature, film, and/or performance. A degree in Asian Studies with a South Asian Studies concentration will provide students with cultural and language competencies that will serve them well in a globalizing world. Many students usefully combine the degree with another major and/or minor, making them more attractive on the job market, and positioning them well for further study in professional or graduate school.

## Student Learning Outcomes

Upon completion of the Asian studies program, students should be able to:



- Identify or analyze significant aspects of the target cultures by interpreting texts and media
- Demonstrate proficiency in listening, speaking, reading, and writing skills in the target language
- Demonstrate experience in the use of the target language outside the language classroom

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Two Hindi-Urdu courses beyond HNUR 204. <sup>1</sup>		6
One of the following introductory courses: <sup>2</sup>		3
ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	
ASIA 61	 First-Year Seminar: A Tour of South Asia's Regional Art Cinemas	

HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	
ASIA/HIST 135	History of the Indian Subcontinent to 1750	
ASIA/HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	
ASIA 152	Survey of South Asian Cultural History	
ASIA/WGST 167	Gender, Sexuality, and Social Justice in South Asia	
ASIA/GEOG 267	South Asia	
Five courses, including at least three numbered 200 or above, from either the list of introductory courses above or the course list below		15
<b>Additional Requirements</b>		
HNUR through level 4 <sup>3</sup>		4
HNUR 220	Introduction to the Hindi Script (Devanagari) (not required if the student has taken HNUR 101)	1
HNUR 221	Introduction to the Urdu Script (Nastaliq)	1
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> Students whose initial language placement is above HNUR 305 should consult the department.

<sup>2</sup> It is recommended that students take this course either prior to or concurrent with upper-level South Asian literature and culture classes.

<sup>3</sup> The first three levels of Hindi-Urdu (HNUR) can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

## Courses

Code	Title	Hours
ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ASIA 124	Iranian Post-1979 Cinema	3
ASIA 126	Introduction to Persian Literature	3
ASIA/WGST 127	Iranian Women Writers	3
ASIA 163	Hindi-Urdu Poetry in Performance	3
ASIA/MUSC 164	Music of South Asia	3
ASIA 228	Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3
ASIA 231	Bollywood Cinema	3
ASIA/CMPL 256	Love in Classical Persian Poetry	3
ASIA/CMPL 258	Iranian Prison Literature	3
ASIA/CMPL 261	India through Western Eyes	3
ASIA 262	Nation, Film, and Novel in Modern India	3
ASIA/HIST 272	Modern South Asia	3
ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA 304/ HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3

ASIA 331/ HIST 335/ PWAD 331	Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
ASIA 332	The Story of Rama in India	3
ASIA 333	The Mahabharata: Remembered and Reimagined	3
ANTH 361	Community in India and South Asia	3
RELI 381	Religions of South Asia	3
ASIA/RELI 382	The Story of Rama in Indian Culture—Experiential	3
ASIA/RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3
ASIA/COMM/ RELI 386	Dance and Embodied Knowledge in the Indian Context	3
HNUR 407	South Asian Society and Culture	3
HNUR 408	South Asian Media and Film	3
HNUR 409	Sex and Social Justice in South Asia	3
HNUR 410	Seminar on the Urdu-Hindi Ghazal	3
HNUR 411	Health and Medicine in South Asia	3
ASIA 431	Persian Sufi Literature	3
ASIA/HIST 440	Gender in Indian History	3
ASIA 441/ HIST 442	Religion, Co-existence, and Conflict in Pre-Colonial India	3
ASIA 453	Global Shangri-La: Tibet in the Modern World	3
RELI 481	Religion, Fundamentalism, and Nationalism	3
ASIA/RELI/WGST 482	Sex, Gender, and Religion in South Asia	3
HNUR 490	Topics in Hindi-Urdu Literature and Language	3
ASIA 522	Beauty and Power in the Classical Indian World	3
ASIA/HIST 557	Fiction and History in India	3
ASIA/RELI 581	Sufism	3
ASIA/RELI 582	Islam and Islamic Art in South Asia	3
ASIA/RELI 583	Religion and Culture in Iran, 1500-Present	3
HNUR/RELI 592	Religious Conflict and Literature in India	3
ASIA 692H	Senior Honors Thesis II	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Note that HNUR 308 does not count toward this major.

Placement credit (PL) may not be used to meet core requirements for the concentration. However, the additional requirements may be met by placement.

Approved courses taken in UNC–Chapel Hill-sponsored study abroad programs may count in the concentration. No more than one first-year seminar may be counted among the eight major courses.

With the approval of the associate chair of Asian and Middle Eastern Studies, a student may count a course in directed readings (ASIA 496 or HNUR 496) in the concentration in South Asian studies. To register

for ASIA 496 or HNUR 496, a student must obtain the approval of the associate chair and the faculty member who will supervise the project.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The Department of Asian and Middle Eastern Studies requires that *all* students with prior knowledge of Hindi-Urdu take a placement test. Their beginning language course at UNC is decided by the placement result (not by test credit or transfer credit).

A student's initial placement is the most important determinant of how long it will take to complete the major. It's also important to be aware that almost all Hindi-Urdu language courses are only offered in fall or spring, but not both.

HNUR 220 (Hindi) and HNUR 221 (Urdu) are one-credit courses that just teach the respective writing systems; a student with knowledge of spoken Hindi-Urdu only may be advised to take one of the script courses first and then be able to join the main language sequence at a level appropriate to their speaking proficiency.

### Sample Plan One

This plan is for a student who either is a beginner in Hindi-Urdu, or has some background but has placed into HNUR 101.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
HNUR 101 Elementary Hindi-Urdu I (fall only)	4
HNUR 102 Elementary Hindi-Urdu II (spring only)	4
Major culture course, from the introductory courses list	3
<b>Hours</b>	<b>22</b>
<b>Sophomore Year</b>	
HNUR 203  Intermediate Hindi-Urdu I (fall only)	4
HNUR 221 Introduction to the Urdu Script (Nastaliq) (fall only; could also be taken any subsequent fall)	1
HNUR 204 Intermediate Hindi-Urdu II (spring only)	4
Major culture course	3
<b>Hours</b>	<b>12</b>
<b>Junior Year</b>	
HNUR 305  Advanced Hindi-Urdu I (fall only, but 305 and 306 can be taken in either order)	3

HNUR 306  Advanced Hindi-Urdu II (spring only)	3
Major culture course	3
Major culture course numbered 200 or above	3
<b>Hours</b>	<b>12</b>
<b>Senior Year</b>	
Major culture course numbered 200 or above	3
Either of:	3
HNUR 4XX (4th year language class, if available)	
Major culture course numbered 200 or above	
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>52</b>

### Sample Plan Two






This plan is for a student who has placed into HNUR 203 (and placed out of HNUR 220 because they know the Hindi script already).

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
HNUR 203  Intermediate Hindi-Urdu I (fall only)	4
HNUR 204 Intermediate Hindi-Urdu II (spring only)	4
Major culture course, from the introductory courses list	3
<b>Hours</b>	<b>22</b>
<b>Sophomore Year</b>	
HNUR 305  Advanced Hindi-Urdu I (fall only, but 305 and 306 can be taken in either order)	3
HNUR 221 Introduction to the Urdu Script (Nastaliq) (fall only; could also be taken any subsequent fall)	1
HNUR 306  Advanced Hindi-Urdu II (spring only)	3
Major culture course	3
<b>Hours</b>	<b>10</b>
<b>Junior Year</b>	
Major culture course	3
Either of:	3
HNUR 4XX (4th year language class, if available)	
Major culture course numbered 200 or above	
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
Major culture course numbered 200 or above	3
Either of:	3
HNUR 4XX (4th year language class, if available)	
Major culture course numbered 200 or above	
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>44</b>



## Sample Plan Three

This plan is for a student who has placed into a script course (HNUR 220 or HNUR 221) followed by third-year Hindi-Urdu.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
Either of the script courses (both fall only):	1
HNUR 220 Introduction to the Hindi Script (Devanagari)	
HNUR 221 Introduction to the Urdu Script (Nastaliq)	
HNUR 306  Advanced Hindi-Urdu II (spring only; HNUR 305 and 306 can be taken in either order)	3
Major culture course, from the introductory courses list	3
<b>Hours</b>	<b>18</b>
<b>Sophomore Year</b>	
HNUR 305  Advanced Hindi-Urdu I	3
Whichever script course was not taken previously; could also be taken any subsequent fall	1
HNUR 220 Introduction to the Hindi Script (Devanagari)	
HNUR 221 Introduction to the Urdu Script (Nastaliq)	
Major culture course	3
<b>Hours</b>	<b>7</b>
<b>Junior Year</b>	
Major culture course	3
Either of:	3
HNUR 4XX (4th year language class, if available)	
Major culture course numbered 200 or above	
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
Major culture course numbered 200 or above	3
Either of:	3
HNUR 4XX (4th year language class, if available)	
Major culture course numbered 200 or above	
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>37</b>

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## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.–Chinese Concentration (p. 185)
- Asian Studies Major, B.A.–Japanese Concentration (p. 190)
- Asian Studies Major, B.A.–Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

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## Asian Studies Minor

Stretching from Japan to the Arab world, Asia is the largest and most populous continent in the world and home to an array of diverse cultures and political structures. A minor in interdisciplinary Asian studies offers students the opportunity to study a broad range of topics, building the global awareness that will be useful in government employment;

internationally oriented business, journalism, law, and teaching; as well as graduate study in a range of humanistic and social science disciplines.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

A student may take an interdisciplinary minor in Asian studies by completing five courses from among those accepted for the interdisciplinary Asian studies major (p. 173). At least two courses must be taken within the Department of Asian and Middle Eastern Studies, chosen from the list in the section describing the major. (Study abroad courses may not be substituted for these two courses.) The courses taken for the minor must include one from three of the six regions of Asia (China, Japan, Korea, Middle East, South Asia, Southeast Asia), as defined in the section describing the major. Students interested in advanced Asian or Middle Eastern language training should consider the Arabic, Chinese, Hebrew, Hindi-Urdu, Japanese, Korean, Persian, or Middle Eastern languages minors.

No more than one first-year seminar may be counted toward the minor.

See program page here (p. 173) for special opportunities.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 181)
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- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
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- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

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### Student Services Specialist

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## Arabic Minor

Political and economic developments in the Middle East, as well as the internationalization of many businesses and professions, have made understanding, speaking, reading, and writing Arabic an increasingly valuable skill. As the fifth most widely spoken language in the world, as one of the official languages of the United Nations, and as the religious language of a quarter of the world's population, Arabic is also a language with a rich literary and cultural heritage that deserves to be studied in its own right.


## Requirements




























In addition to the program requirements listed below, students must:







- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The undergraduate minor in Arabic consists of four courses.

Code	Title	Hours
<b>Core Requirements</b>		
Three language courses beyond ARAB 203		9-10
ARAB 204	Intermediate Arabic II	
ARAB 300	Arabic Grammar and Composition	
ARAB 305	Advanced Arabic I	
ARAB 306	Advanced Arabic II	
ARAB 407	Readings in Arabic I	
ARAB 408	Readings in Arabic II	
One course chosen from among the following:		3
GEOG 59	 First-Year Seminar: Space, Identity, and Power in the Middle East	

SOCI 60	 First-Year Seminar: Sociology of the Islamic World
ASIA 73	 First-Year Seminar: Popular Culture in the Arab World
ASIA 74	 First-Year Seminar: Imagining Palestine
ASIA/HIST 138	History of Muslim Societies to 1500
ASIA/HIST 139	 History of Muslim Societies since 1500
ARAB 150	 Introduction to Arab Cultures
ARAB 151	 Arabic Literature through the Ages
ASIA/RELI 180	 Introduction to Islamic Civilization
ASIA/RELI 181	 Modern Muslim Societies
RELI 185	 Women/Gender/Islam <sup>H</sup>
ARAB 211	 Arab Comics
ARAB/ANTH 214	 Medicine in the Arab World
ARAB 255	 Arab World Photography
ASIA/HIST 276	 The Modern Middle East
ASIA/HIST 277	 The Conflict over Israel/Palestine
RELI/ASIA 279	 Islamic Law, Ethics, and Practice
ASIA/WGST 329	 Middle East Women Writers
ARAB 434	 Modern Arabic Literature in Translation
ARAB 337	 Borders and Walls in the Arab World
ARAB 350	 Women and Leadership in the Arab World
ARAB/ANTH 354	 Everyday Lives in the Middle East: Anthropological Perspectives
ASIA/CMPL 359	 Literary Diasporas of the Middle East
ARAB 407	Readings in Arabic I
ARAB 408	Readings in Arabic II
SOCI 419	Sociology of the Islamic World
ASIA/JWST/PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music
ARAB/ANTH 432	 Science and Society in the Middle East
ASIA/PWAD 435	 The Cinemas of the Middle East and North Africa
ASIA/CMPL 442	 Postcolonial Literature of the Middle East
ASIA/GEOG 447	Gender, Space, and Place in the Middle East
GEOG 448	Transnational Geographies of Muslim Societies
ARAB 453	 Film, Nation, and Identity in the Arab World
ASIA 357/PWAD 362/JWST 357	 The Arab-Jews: Culture, Community, and Coexistence
ASIA/WGST 471	 Gender and Sexuality in Middle Eastern Literature

RELI 480	 Modern Muslim Literatures
RELI/ASIA 485	 Gender and Sexuality in Islam
RELI/ASIA 486	 Islam and Feminism/Islamic Feminism
ASIA/HIST 536	Revolution in the Modern Middle East
ASIA/HIST 537	Women in the Middle East
ASIA/HIST 538	The Middle East and the West
ASIA/RELI 581	 Sufism
ASIA/RELI 582	 Islam and Islamic Art in South Asia
ASIA/RELI 584	 The Qur'an as Literature
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures
<b>Total Hours</b>	<b>12-13</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

ARAB 308 does not count toward the minor.

Placement credit (PL) may not be used to meet minor requirements.

See program page here (p. 181) for special opportunities.

## Department Programs

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.—Chinese Concentration (p. 185)
- Asian Studies Major, B.A.—Japanese Concentration (p. 190)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

### Department of Asian and Middle Eastern Studies

Visit Program Website (<http://asianstudies.unc.edu>)

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## Chinese Minor

Globally, China occupies a prominent position in many respects. With 1.4 billion inhabitants, it is the most populous country in the world. It spans five time zones, has a surface area roughly the size of the United States, and its economy is projected to become the world's largest before the end of this decade. China is the place of origin of one of the oldest cultural traditions in the world, with written records dating back more than three thousand years. Many elements of the traditional cultures of neighboring East Asian countries (such as Vietnam, Korea, and Japan) can be traced back to China. Finally, rapid economic development over the past few decades has bolstered China's political and military aspirations to become a global superpower. A knowledge of Chinese language and culture will enable students to explore the long and complex history of China and better understand China's role in the 21st century.

The Chinese program offers an extensive array of courses in the Chinese (Mandarin) language, premodern and modern Chinese and Sinophone literature, history, philosophy, society, and film. This allows students to satisfy foreign language requirements, major or minor in Chinese, or complete a Chinese track M.A. degree. Students benefit from one of the strongest Chinese language curriculum programs in the country and extensive resources, including advanced courses in Chinese, language-intensive study abroad opportunities, Chinese library resources, the Chinese Undergraduate Student Association, the Chinese Living-Learning Residential Community, the student-led Duke-UNC China Leadership Summit, and the Chinese Language Table.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC—Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The undergraduate minor in Chinese consists of five courses.

Code	Title	Hours
<b>Core Requirements</b>		
At least three courses must be language courses beyond CHIN 203, 9-10 chosen from among the following:		
CHIN 204	Intermediate Chinese II	
CHIN 212	Intermediate Written Chinese	
CHIN 305	Advanced Chinese I	
CHIN 306	Advanced Chinese II	
CHIN 313	Advanced Written Chinese	
CHIN 407	Readings in Modern Chinese I	
CHIN 408	Readings in Modern Chinese II	
CHIN 441	Chinese-English Translation and Interpreting	
CHIN 443	Business Communication in Chinese	
CHIN 445	Chinese Tea Culture and Its Changing Landscape	
CHIN 490	Topics in Chinese Literature and Language	
CHIN 510	Introduction to Classical Chinese	
CHIN 521	Chinese History in Chinese	
CHIN 525	Ancient Philosophers and Their Modern Reincarnation	
CHIN 590	Advanced Topics in Chinese Literature and Language	
CHIN 624	Chinese Internet Literature	
CHIN 631	Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	
The other two courses may be chosen from the list above or from among the following:		6
ASIA 52	First-Year Seminar: Food in Chinese Culture <sup>1</sup>	
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture <sup>1</sup>	
ASIA/WGST 56	First-Year Seminar: Writing Women in Modern China <sup>1, H</sup>	
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought <sup>1</sup>	
ASIA 75	First-Year Seminar: Love in China	
CHIN 150	Introduction to Chinese Civilization	
CHIN/CMPL 238	From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	
CHIN 242	Chinese Qin Music	
CHIN 244	Introduction to Modern Chinese Culture through Cinema	
CHIN/CMPL 247	Indigenous Spiritualities in Literatures of China and Taiwan <sup>H</sup>	
CHIN 252	Introduction to Chinese Culture through Narrative	
CHIN 253	Chinese Language and Society	
CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	
CHIN 346	History as Fiction or Fiction as History? Early Chinese History in Film and Literature	
CHIN 356	Chinese Environmental Literature	
CHIN 361	Chinese Traditional Theater	
CHIN 367	Illustration and the Animation of Text	
ASIA 453	Global Shangri-La: Tibet in the Modern World	
CHIN 463	Narrative Ethics in Modern China	
CHIN 464	The City in Modern Chinese Literature and Film	
CHIN 475	Confucianism: Origin, History, and Contemporary Relevance	
CHIN 476	Daoism: Origin, History, and Contemporary Relevance	
CHIN/CMPL/WGST 480	Queering China	
CHIN 545	Chinese Science Fiction	
CHIN 551	Chinese Poetry in Translation	
CHIN 552	Chinese Prose in Translation	
CHIN 562	Contemporary Chinese Urban Culture and Arts	
<b>Total Hours</b>		<b>15-16</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> No more than one first-year seminar may be counted toward the minor.

Approved language courses taken in UNC–Chapel Hill-sponsored study abroad programs may count in the minor. However, study abroad courses may not substitute for culture courses, which must be taken in the Department of Asian and Middle Eastern Studies.

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 185) for Special Opportunities.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.–Chinese Concentration (p. 185)
- Asian Studies Major, B.A.–Japanese Concentration (p. 190)
- Asian Studies Major, B.A.–Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)

- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

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## Modern Hebrew Minor

Hebrew is one of the world's oldest languages still spoken today. It was similar in origin to ancient Phoenician and developed into an independent language in the 12th century BCE. Hebrew was the spoken language of the Patriarchs during the Biblical period, and the Bible is written in Hebrew. While Aramaic, which utilizes the same alphabet, replaced Hebrew as the spoken language for centuries, Hebrew remained a language used for ritual, prayer, literature, and written communication. As a spoken language, Modern Hebrew began to emerge in the late 19th century and became, in 1913, the official language of instruction in Jewish schools in the region of Palestine. In 1948, Hebrew (along with Arabic) became the official language of the modern state of Israel.

## Requirements

In addition to the program requirements listed below, students must:


- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.


For more information, please consult the degree requirements section of the catalog (p. 1241).

The undergraduate minor in Hebrew consists of four courses.


Code	Title	Hours
<b>Core Requirements</b>		
Two language courses beyond HEBR 203:		6


HEBR/JWST 204 Intermediate Modern Hebrew II


HEBR/JWST 305  Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions


HEBR/JWST 306  Advanced Composition and Conversation: Zionism and the Hebrew Language


One culture course chosen from among the following: 3


ASIA/JWST 60  First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities


ASIA/JWST/PWAD 235  Israeli Cinema: Gender, Nation, and Ethnicity<sup>H</sup>

ASIA/HIST/PWAD 277  The Conflict over Israel/Palestine

ASIA/JWST 358  Religion and Tradition in Israeli Cinema, TV, and Literature

ASIA/JWST/PWAD 425  Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music

ASIA/JWST 436  Language, Exile, and Homeland in Zionist Thought and Practice

ASIA/JWST 357/PWAD 362  The Arab-Jews: Culture, Community, and Coexistence

A fourth course chosen from either the language or culture list above. 3

**Total Hours** 12

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 173) for special opportunities.

## Department Programs

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.—Chinese Concentration (p. 185)
- Asian Studies Major, B.A.—Japanese Concentration (p. 190)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 198)

### Minors

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- Hindi-Urdu Minor (p. 207)
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- Korean Minor (p. 209)

- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

### Department of Asian and Middle Eastern Studies

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## Hindi-Urdu Minor

Hindi-Urdu is critical to global culture. South Asia is now a major economic and geopolitical power, and home to one-fifth of the world's population. By conservative estimates, over half a billion people speak the language in South Asia, and depending on chosen parameters, it is variously ranked as the second- to fourth-most widely spoken language in the world. To directly communicate with this vast population of Hindi-Urdu speakers and have unfettered and unfiltered access to the rich cultural history of North India and Pakistan, fluency in Hindi-Urdu is essential. There a rich literary tradition in Hindi-Urdu and its dialectal ancestors, going back about a thousand years. There is also a thriving popular culture of South Asia — one which is very much dependent on Hindi-Urdu.

## Requirements



























In addition to the program requirements listed below, students must:











- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The undergraduate minor in Hindi-Urdu consists of four courses.

Code	Title	Hours
<b>Core Requirements</b>		
Three courses are language courses beyond HNUR 203 chosen from 9-10 among the following:		

HNUR 204	Intermediate Hindi-Urdu II	
HNUR 305	 Advanced Hindi-Urdu I	
HNUR 306	 Advanced Hindi-Urdu II	
HNUR 407	 South Asian Society and Culture	
HNUR 408	 South Asian Media and Film	
HNUR 409	 Sex and Social Justice in South Asia	
HNUR 410	Seminar on the Urdu-Hindi Ghazal	
HNUR 411	 Health and Medicine in South Asia	
HNUR 490	Topics in Hindi-Urdu Literature and Language	
The other course must be chosen from among the following:		3
ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	
ASIA 61	 First-Year Seminar: A Tour of South Asia's Regional Art Cinemas	
ASIA/PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	
HIST 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	
ASIA 124	 Iranian Post-1979 Cinema	
ASIA 126	 Introduction to Persian Literature	
ASIA/WGST 127	 Iranian Women Writers	
ASIA/HIST 135	 History of the Indian Subcontinent to 1750	
ASIA/HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	
ASIA 152	 Survey of South Asian Cultural History	
ASIA 163	 Hindi-Urdu Poetry in Performance	
ASIA/MUSC 164	 Music of South Asia	
ASIA/WGST 167	 Gender, Sexuality, and Social Justice in South Asia	
ASIA 228	 Contested Souls: Literature, the Arts, and Religious Identity in Modern India	
ASIA 231	 Bollywood Cinema	
ASIA/CMPL 256	 Love in Classical Persian Poetry	
ASIA/CMPL 258	 Iranian Prison Literature	
ASIA/CMPL 261	 India through Western Eyes	
ASIA 262	 Nation, Film, and Novel in Modern India	
ASIA/HIST 272	Modern South Asia	
ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>	
ASIA/RELI 285	 The Buddhist Tradition: Southeast Asia and Sri Lanka	
ASIA 300/RELI 283	 The Buddhist Tradition: India, Nepal, and Tibet	
ASIA 304/HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	

ASIA 331/ HIST 335/ PWAD 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>
ASIA 332	 The Story of Rama in India
ASIA 333	 The Mahabharata: Remembered and Reimagined
ANTH 361	Community in India and South Asia
RELI 381	Religions of South Asia
ASIA/RELI 382	 The Story of Rama in Indian Culture—Experiential
ASIA/RELI 383	 The Mahabharata: Remembered and Reimagined—Experiential
ASIA/COMM/ RELI 386	Dance and Embodied Knowledge in the Indian Context
ASIA 431	 Persian Sufi Literature
ASIA/HIST 440	Gender in Indian History
ASIA 441/ HIST 442	Religion, Co-existence, and Conflict in Pre-Colonial India
ASIA 453	Global Shangri-La: Tibet in the Modern World
ASIA/RELI/ WGST 482	Sex, Gender, and Religion in South Asia
ASIA 522	 Beauty and Power in the Classical Indian World
ASIA/HIST 557	Fiction and History in India
ASIA/RELI 581	 Sufism
ASIA/RELI 582	 Islam and Islamic Art in South Asia
ASIA/RELI 583	 Religion and Culture in Iran, 1500-Present
HNUR/RELI 592	Religious Conflict and Literature in India
<b>Total Hours</b>	<b>12-13</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

HNUR 308 does not count toward the minor.

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 173) for special opportunities.

## Department Programs

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.—Chinese Concentration (p. 185)
- Asian Studies Major, B.A.—Japanese Concentration (p. 190)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)

- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

### Department of Asian and Middle Eastern Studies

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## Japanese Minor

Japan is a democracy with a robust economy, advanced technology in fields including AI and robotics, and a major role in international relations. Japanese popular culture, from anime to video games, has been influential across the U.S. and across the globe. Friendships with Japanese, travel abroad, enjoying Japanese food locally, as well as the practice of martial arts and the love of Japanese popular media have motivated students to pursue the study of Japanese at Carolina. In the program, students enjoy meeting others with similar enthusiasms and often take part in extracurricular activities such as the Japan Club and the anime club (COUp).






## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC—Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).



Code	Title	Hours
<b>Core Requirements</b>		
Four language courses beyond JAPN 203, chosen from among the following:		
JAPN 204	Intermediate Japanese II	12-13
JAPN 305	Advanced Japanese I	
JAPN 306	Advanced Japanese II	
JAPN 401	Gateway to Mastering Japanese	
JAPN 408	Japanese Journalism	
JAPN 410	Topics in Contemporary Japanese Literature	
JAPN 411	Food and Culture in Japan	
JAPN 412	 Making Music in Japan	
JAPN 414	 Manga as a Japanese Art and Culture	
JAPN 415	Sports in Japanese Culture	
JAPN 416	Understanding Japanese Business Culture and Its Practice	
JAPN 417	 Japanese Culture through Film and Literature	
JAPN 418	 Service Learning in Japanese Language	
JAPN 490	Topics in Japanese Language and Literature	
JAPN 521	 Investigating Japanese Culture through TV Dramas	
JAPN 590	Advanced Topics in Japanese Language and Literature	
<b>Total Hours</b>		<b>12-13</b>

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 194) for special opportunities.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.–Chinese Concentration (p. 185)
- Asian Studies Major, B.A.–Japanese Concentration (p. 190)
- Asian Studies Major, B.A.–Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.–South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
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- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

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Visit Program Website (<http://asianstudies.unc.edu>)

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## Korean Minor

Korea occupies a place of significant geopolitical, economic, and cultural importance in the world. It is a unique country where five thousand years of history and tradition coexist with the most advanced technological and economic development. It is also a place where political and ideological differences divide the country into two Koreas (Republic of Korea, or South Korea, and Democratic Republic of Korea, or North Korea) that maintain one of the world's most fortified military zones. The Korean peninsula is home to over 72 million ethnic Koreans (North and South combined) and over 1.3 million recent migrants from all over the world. Approximately 7 million ethnic Koreans have migrated to other countries and have established diasporic communities in over 150 countries. The Korean language is spoken by over 75 million people around the world and ranks 13th among the most used languages in the world.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The undergraduate minor in Korean consists of four courses.

Code	Title	Hours
<b>Core Requirements</b>		
Three courses are language courses beyond KOR 203 (the first semester of Intermediate Korean), chosen from:		9-10
KOR 204	Intermediate Korean II	
KOR 305	Advanced Korean I	

KOR 306	 Advanced Korean II	
KOR 407	 Modern Korean Literature and Culture	
KOR 408	 Changes and Continuities in Korean History	
KOR 409	 Korean Through Current Affairs	
KOR 490	Topics in Korean Language and Literature	
The fourth course must be chosen from among the following courses:		3
ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	
KOR 150	 History, Memory, and Reality in Contemporary Korea	
KOR 151	 Education and Social Changes in Contemporary Korea	
KOR/CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	
KOR/CMPL/WGST 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	
KOR 327	 Korean Diasporas	
KOR 346/CMPL 246	 Body Politics in Modern Korean Literature <sup>H</sup>	
KOR 407	 Modern Korean Literature and Culture	
KOR 408	 Changes and Continuities in Korean History	
KOR 409	 Korean Through Current Affairs	
ASIA 427/CMPL 527/PWAD 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	
KOR 447/CMPL 547	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	
ASIA/ECON 469	 Asian Economic Systems	
KOR 490	Topics in Korean Language and Literature	
<b>Total Hours</b>		<b>12-13</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 180) for special opportunities.

## Department Programs

### Majors

- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.—Chinese Concentration (p. 185)
- Asian Studies Major, B.A.—Japanese Concentration (p. 190)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 198)

### Minors

- Arabic Minor (p. 203)
- Asian Studies Minor (p. 202)
- Chinese Minor (p. 204)
- Modern Hebrew Minor (p. 206)
- Hindi-Urdu Minor (p. 207)
- Japanese Minor (p. 208)
- Korean Minor (p. 209)
- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

**Department of Asian and Middle Eastern Studies**  
 Visit Program Website (<http://asianstudies.unc.edu>)  
 New West 113, CB# 3267  
 (919) 962-4294

### Korean Program Advisor

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### Chair

Morgan Pitelka  
[mpitelka@unc.edu](mailto:mpitelka@unc.edu)

### Director of Undergraduate Studies

Robin Visser  
[rvisser@email.unc.edu](mailto:rvisser@email.unc.edu)

### Student Services Specialist

Ash Barnes  
[wow@unc.edu](mailto:wow@unc.edu)

## Middle Eastern Languages Minor

The minor in Middle Eastern languages is designed to encourage linguistic training that will prepare students for graduate study and for careers in journalism, foreign service, and international business, as well as other fields related to the Middle East. Students declaring this minor will be able to demonstrate commitment to Middle East studies, which will be considered favorably in the selection process for Foreign Language and Area Studies (FLAS) fellowships. FLAS funding for Middle Eastern languages is available at UNC–Chapel Hill through five centers related to the Middle East, South Asia, and North Africa. Middle Eastern languages students can choose from Arabic, modern Hebrew, Hindi-Urdu, Persian, or Turkish.

## Requirements













In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
The minor consists of five courses taken in any two of the Middle Eastern languages listed below.		
Three courses above 203 in one Middle Eastern language.		9-10
Two courses at any level in a second Middle Eastern language.		6-8
<b>Total Hours</b>		<b>15-18</b>

All courses must be selected from the list below:

Code	Title	Hours
<b>Arabic</b>		
ARAB 101	Elementary Arabic I	4
ARAB 102	Elementary Arabic II	4
ARAB 203	 Intermediate Arabic I	4
ARAB 204	Intermediate Arabic II	4
ARAB 300	Arabic Grammar and Composition	3
ARAB 305	Advanced Arabic I	3
ARAB 306	Advanced Arabic II	3
ARAB 407	Readings in Arabic I	3
ARAB 408	Readings in Arabic II	3
<b>Modern Hebrew</b>		
HEBR 101	Elementary Modern Hebrew I	3
HEBR 102	Elementary Modern Hebrew II	3
HEBR 203	 Intermediate Modern Hebrew I	3
HEBR 204	Intermediate Modern Hebrew II	3
HEBR 305	 Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions	3
HEBR 306	 Advanced Composition and Conversation: Zionism and the Hebrew Language	3
<b>Hindi-Urdu</b>		
HNUR 101	Elementary Hindi-Urdu I	4
HNUR 102	Elementary Hindi-Urdu II	4
HNUR 203	 Intermediate Hindi-Urdu I	4
HNUR 204	Intermediate Hindi-Urdu II	4
HNUR 305	 Advanced Hindi-Urdu I	3
HNUR 306	 Advanced Hindi-Urdu II	3
HNUR 407	 South Asian Society and Culture	3
HNUR 408	 South Asian Media and Film	3
HNUR 409	 Sex and Social Justice in South Asia	3
HNUR 410	Seminar on the Urdu-Hindi Ghazal	3
HNUR 411	 Health and Medicine in South Asia	3
HNUR 490	Topics in Hindi-Urdu Literature and Language	3
<b>Persian</b>		
PRSN 101	Elementary Persian I	3
PRSN 102	Elementary Persian II	3
PRSN 203	 Intermediate Persian I	3
PRSN 204	Intermediate Persian II	3

PRSN 305	Persian Short Stories	3
PRSN 306	Persian Language through Literature, Film, and Media	3
<b>Turkish</b>		
TURK 101	Elementary Turkish I	3
TURK 102	Elementary Turkish II	3
TURK 203	 Intermediate Turkish I	3
TURK 204	Intermediate Turkish II	3
TURK 305	Advanced Turkish I	3

Note that ARAB 308, HNUR 220, HNUR 221, and HNUR 308 do not count toward this minor. Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 173) for special opportunities.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.–Arab Cultures Concentration (p. 181)
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### Minors

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- Middle Eastern Languages Minor (p. 210)
- Persian Minor (p. 212)

### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

### Department of Asian and Middle Eastern Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267

(919) 962-4294

### Middle Eastern Languages Minor Advisor

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### Chair

Morgan Pitelka

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### Director of Undergraduate Studies

Robin Visser  
rvisser@email.unc.edu

### Student Services Specialist

Ash Barnes  
wow@unc.edu

## Persian Minor

Persian, the official language of Iran, is an important language of the Middle East and Central Asia, spoken by approximately 70 million native speakers and roughly 110 million people worldwide. The Persian studies minor offers a diverse array of courses on language, literature, culture, history, and religions of the geographical area where Persian has historically been the dominant language or a major cultural force. This region encompasses Iran, Afghanistan, Tajikistan, the Caucasus, Central Asia, the Indian subcontinent, and parts of the former Ottoman Empire.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The undergraduate minor in Persian consists of four courses. Students may complete either two language courses and two culture courses, or three language courses and one culture course.

Code	Title	Hours
<b>Core Requirements</b>		
Two language courses beyond PRSN 203 (the first semester of intermediate Persian), chosen from:		6
PRSN 204	Intermediate Persian II	
PRSN 305	Persian Short Stories	
PRSN 306	Persian Language through Literature, Film, and Media	
One course chosen from among the following:		3
ASIA/PWAD 69	First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	
HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	
ASIA 124	Iranian Post-1979 Cinema	
ASIA 126	Introduction to Persian Literature	
ASIA/WGST 127	Iranian Women Writers	
ASIA/HIST 135	History of the Indian Subcontinent to 1750	
ASIA/HIST 138	History of Muslim Societies to 1500	
ASIA/HIST 139	History of Muslim Societies since 1500	
HIST 163	Modern Central Asia	
ASIA/RELI 180	Introduction to Islamic Civilization	
ASIA/RELI 181	Modern Muslim Societies	

ASIA/CMPL 256	Love in Classical Persian Poetry	
ASIA/CMPL 258	Iranian Prison Literature	
ASIA/HIST 276	The Modern Middle East	
ASIA/WGST 329	Middle East Women Writers	
ASIA/CMPL 359	Literary Diasporas of the Middle East	
SOCI 419	Sociology of the Islamic World	
ASIA 431	Persian Sufi Literature	
ASIA/PWAD 435	The Cinemas of the Middle East and North Africa	
ASIA/CMPL 442	Postcolonial Literature of the Middle East	
ASIA/GEOG/WGST 447	Gender, Space, and Place in the Middle East	
ASIA/WGST 471	Gender and Sexuality in Middle Eastern Literature	
RELI 480	Modern Muslim Literatures	
ASIA/HIST 536	Revolution in the Modern Middle East	
ASIA/HIST/WGST 537	Women in the Middle East	
ASIA/HIST 538	The Middle East and the West	
ASIA/RELI 581	Sufism	
ASIA/RELI 582	Islam and Islamic Art in South Asia	
ASIA/RELI 583	Religion and Culture in Iran, 1500-Present	
A fourth course chosen from either the language or culture list above.		3
<b>Total Hours</b>		<b>12</b>

Placement credit (PL) may not be used to meet minor requirements.

See the program page here (p. 173) for special opportunities.

## Department Programs

### Majors

- Asian Studies Major, B.A.–Interdisciplinary Concentration (p. 173)
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#### Graduate Programs

- M.A. in Asian and Middle Eastern Studies (<http://catalog.unc.edu/graduate/schools-departments/asian-studies/>)

## Contact Information

#### Department of Asian and Middle Eastern Studies

Visit Program Website (<http://asianstudies.unc.edu>)

New West 113, CB# 3267

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#### Persian Program Advisor

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#### Chair

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#### Student Services Specialist

Ash Barnes

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## Department of Biochemistry and Biophysics

The Department of Biochemistry and Biophysics in the UNC School of Medicine offers a number of courses to undergraduate students, but offers only advanced degrees and not a B.A. or B.S. degree. Undergraduate students interested in these areas should take relevant courses in the biochemical division of the Department of Chemistry and the Department of Physics. The department serves undergraduate students who are interested in biochemical research or health-related careers. It offers a series of undergraduate biochemistry classes, research opportunities, and counseling to students taking premedical, predoctoral, prenursing, prepharmacy, or public health curricula.

#### Graduate Programs

- M.S. in Biochemistry and Biophysics (<http://catalog.unc.edu/graduate/schools-departments/biochemistry-biophysics/>)
- Ph.D. in Biochemistry and Biophysics (<http://catalog.unc.edu/graduate/schools-departments/biochemistry-biophysics/>)

## BIOC–Biochemistry Undergraduate-level Courses

#### BIOC 107. Introduction to Biochemistry. 4 Credits.

Recommended preparation, one year of high school chemistry. Designed for students who desire a background in biochemistry as it relates to the human body, such as premed, predoctoral, predoctoral hygiene, and allied health. Brief review of inorganic and organic chemistry, followed by a survey of biochemistry (survey continues in BIOC 108).

#### Rules & Requirements

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

#### BIOC 108. Introduction to Biochemistry. 4 Credits.

Designed for premed, predoctoral, predoctoral hygiene, allied health, and all students who desire a background in biochemistry as it relates to the human body. One year of high school chemistry required. Continuation of BIOC 107; covers basic and clinically relevant aspects of biochemistry. Online lecture (asynchronous) with an optional in person meeting once per week. One online lab session per week.

#### Rules & Requirements

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

#### BIOC 442. Biochemical Toxicology. 3 Credits.

Required preparation, one course in biochemistry. Biochemical actions of toxicants and assessment of cellular damage by biochemical measurements. Three lecture hours per week.

#### Rules & Requirements

**Requisites:** Prerequisite, CHEM 430; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** ENVR 442, TOXC 442.

#### BIOC 601. Enzyme Properties, Mechanisms, and Regulation. 3 Credits.

Focuses on enzyme architecture to illustrate how the shapes of enzymes are designed to optimize the catalytic step and become allosterically modified to regulate the rate of catalysis.

#### Rules & Requirements

**Requisites:** Prerequisite, CHEM 430; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

#### BIOC 603. MiBio Seminar. 2 Credits.

This class is designed to 1) enhance students' ability to present scientific material to their peers in a comprehensive, cohesive manner, 2) familiarize students with scientific concepts and technologies used in multiple disciplines, 3) expose students to cutting edge research, 4) prepare students to gain substantial meaning from seminars and to ask questions, and 5) enhance students' ability to evaluate scientific papers and seminars.

#### Rules & Requirements

**Grading Status:** Letter grade.

**Same as:** BIOL 603, CBPH 603, GNET 603.

**BIOC 631. Advanced Molecular Biology I. 3 Credits.**

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. DNA structure, function, and interactions in prokaryotic and eukaryotic systems, including chromosome structure, replication, recombination, repair, and genome fluidity. Three lecture hours a week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GNET 631, BIOL 631, MCRO 631.

**BIOC 632. Advanced Molecular Biology II. 3 Credits.**

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. The purpose of this course is to provide historical, basic, and current information about the flow and regulation of genetic information from DNA to RNA in a variety of biological systems. Three lecture hours a week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GNET 632, BIOL 632, MCRO 632.

**BIOC 649. Mathematics and Macromolecules. 1.5 Credits.**

This course focuses on the application of mathematics to topics important in biophysics, such as thermodynamics and electrostatics. The unit is designed to help students perform more efficiently in BIOC 650, 651, and 652.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOC 650. Macromolecular Thermodynamics and Binding. 1 Credits.**

Required preparation, two semesters of physical chemistry or permission of the instructor. Basic molecular models and their use in developing statistical descriptions of macromolecular function. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 430.

**Grading Status:** Letter grade.

**BIOC 651. Macromolecular Interactions and Forces. 1 Credits.**

Required preparation, two semesters of physical chemistry or permission of the instructor. Macromolecules as viewed with modern computational methods. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 430.

**Grading Status:** Letter grade.

**BIOC 652. Macromolecular Dynamics. 1 Credits.**

Required preparation, two semesters of physical chemistry or permission of the instructor. Stability of macromolecules and their complexes with other molecules. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 430.

**Grading Status:** Letter grade.

**BIOC 655. Case Studies in Structural Molecular Biology. 3 Credits.**

Principles of macromolecular structure and function with emphasis on proteins, molecular assemblies, enzyme mechanisms, and ATP enzymology.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 430; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOC 660. Introduction to Light Microscopy. 1 Credits.**

Fundamentals of optics and light microscope design for the novice student.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOC 650, 651, and 652 or permission of the course director.

**Grading Status:** Letter grade.

**BIOC 662. Macromolecular Interactions. 1 Credits.**

Theory and practice of biophysical methods used in the study of interactions between macromolecules and their ligands, including surface plasmon resonance, analytical ultracentrifugation, and calorimetry.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOC 663A. Macromolecular NMR. 1 Credits.**

Principles and practice of nuclear magnetic resonance spectroscopy; applications to biological macromolecule structure and dynamics in solution. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOC 663B. Macromolecular NMR Practice. 1 Credits.**

Lab section for BIOC 663A. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOC 664; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOC 664. Macromolecular Spectroscopy. 1 Credits.**

Required preparation, two semesters of physical chemistry or permission of the instructor. Principles of UV, IR, Raman, fluorescence, and spin resonance spectroscopies; applications to the study of macromolecules and membranes. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 430.

**Grading Status:** Letter grade.

**BIOC 665. Advanced NMR Spectroscopy Course. 1 Credits.**

Advanced NMR Spectroscopy

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**BIOC 666. X Ray Crystallography of Macromolecules. 1 Credits.**

Principles of protein crystallography, characterization of crystals, theory of diffraction, phasing of macromolecular crystals and structure refinement. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOC 667. Macromolecular Crystallographic Methods. 2 Credits.**

A combined lecture/laboratory workshop for serious students of protein crystallography. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOC 666; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** PHCO 667.

**BIOC 668. Principles of and Simulation of Macromolecular Dynamics. 1 Credits.**

A combined lecture/computer lab treatment of the principles of macromolecular dynamics and structure as approached using the tools of molecular dynamics simulations. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOC 670. Biomolecular Informatics. 1 Credits.**

A combined lecture/computer lab course introducing the methods and principles of biological data management as this relates to macromolecular sequence analysis. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOC 671. Summer Research in Biophysics. 3 Credits.**

This class is a 10-week summer course in biophysics.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOC 673. Proteomics, Protein Identification and Characterization by Mass Spectrometry. 1 Credits.**

A lecture module that introduces students to mass spectrometry-based proteomics in new biology discovery and precision medicine. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOC 650, 651, and 652, or one semester of physical chemistry; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOC 674. Ion Channels Transporters. 1 Credits.**

Ion Channels Transporters

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**BIOC 675. Fundamentals of Cryo-Electron Microscopy. 1 Credits.**

This course will provide a survey of biological applications of cryo-EM, with a particular emphasis on single particle techniques used to determine high-resolution structures of macromolecules. Students will have a basic understanding of cryo-EM theory, the methodology for creating samples and collecting data, and strategies for reconstructing 3D models of macromolecules. Course previously offered as BIOC 708.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOC 678. Electrical Signals from Macromolecular Assemblages. 2 Credits.**

An intensive, six-hour per week introduction to the fundamentals of ion channel biophysics, including laboratory sessions to demonstrate principles and methods. Course intended primarily for graduate students.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOC 650, 651, and 652; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOC 690. Special Topics in Biochemistry. 1-3 Credits.**

Special topics course. Content and topics will vary each semester.

**Rules & Requirements**

**Grading Status:** Letter grade.

## Contact Information

**Department of Biochemistry and Biophysics**

Visit Program Website (<http://www.med.unc.edu/biochem/>)

Genetic Medicine Building, CB# 7260

(919) 962-8326

**Chair**

Jean Cook

## Department of Biology

### Introduction

Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem. The major in biology provides a broad education directed toward an appreciation of the complexity of nature, and prepares students for careers in the biological, environmental, and medical sciences. The B.S. and B.A. majors in biology prepare students for careers in the health professions (including medical, dental, and veterinary) and in research or teaching in institutions of higher education, government, and private industry. Departmental majors gain a firm foundation in essential areas of biology through the core curriculum and have ample choices for study in various specialized subjects. A quantitative biology track in the B.S. major provides training in interdisciplinary computational approaches to studying biological questions. The department offers many opportunities for mentored undergraduate research and internships.

### Advising

The biology department offers intensive advising services for our undergraduate students. The departmental advisor, Dr. Gidi Shemer ([bishemer@email.unc.edu](mailto:bishemer@email.unc.edu)) (213A Coker Hall), will be happy to assist with course planning, career development, finding research opportunities, and any other question or concern with regards to the major. Biology

majors interested in study abroad should contact Dr. Elaine Yeh (<https://bio.unc.edu/faculty-profile/yeh/>) to learn about opportunities and transfer credits. For general assistance with registration in courses and various forms, please contact the biology undergraduate student services registrar, Ms. Summer Montgomery ([sundance@unc.edu](mailto:sundance@unc.edu)) in 213 Coker Hall.

## Facilities

The Department of Biology occupies parts of four buildings: Wilson Hall and its annex, Coker Hall, Fordham Hall, and the Genome Sciences Building. The department is served by the Kenan Science Library, located in Venable Hall, which provides research information services and resources for the basic sciences. In addition, the department has greenhouses on the fifth floor of the Genome Sciences Building, a microscopy facility that contains three confocal microscopes and associated support facilities, a P3 laboratory, a small-mammal facility, insect culturing rooms, and marine aquaria.

## Graduate School and Career Opportunities

Those who plan careers in health sciences, including dentistry, medicine, veterinary medicine, and others, should consult with advisors in the Health Professions Advising Office in Steele Building. Special courses in marine science are offered through the Department of Biology and the Department of Earth, Marine, and Environmental Sciences at the Institute of Marine Sciences, Morehead City, NC.

### Majors

- Biology Major, B.S. (p. 236)
- Biology Major, B.S.—Quantitative Biology Track (p. 240)
- Biology Major, B.A. (p. 245)

### Minor

- Biology Minor (p. 249)

### Graduate Programs

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)

## Professors

Shawn Ahmed, Albert S. Baldwin Jr., Victoria L. Bautch, Kerry S. Bloom, John F. Bruno, Christina L. Burch, Sabrina E. Burmeister, Frank L. Conlon, Gregory P. Copenhaver, Jeffrey L. Dangl, Robert J. Duronio, Terrence S. Furey, Patricia G. Gensel, Robert P. Goldstein, Tyson L. Hedrick, Allen H. Hurlbert, Alan M. Jones, Corbin D. Jones, Joseph J. Kieber, Joel G. Kingsolver, Alain Laederach, Kenneth J. Lohmann, Amy S. Maddox, A. Gregory Matera, Ann G. Matthyse, Daniel R. Matute, Charles E. Mitchell, Mark A. Peifer, David W. Pfennig, Karin S. Pfennig, Jason W. Reed, Jeff J. Sekelsky, Maria R. Servedio.

## Associate Professors

Jill Downen, Paul S. Maddox, Daniel J. McKay, Zachary Nimchuk, Stephen L. Rogers, Celia Shiau, Kevin C. Slep, Keith W. Sockman, Todd J. Vision.

## Assistant Professors

Rob Downen, Kacy Gordon, Toshihide Hige, Parul Johri, Sophie McCoy, Senay Yitbarek.

## Teaching Professors

Corey S. Johnson, Gidi Shemer.

## Teaching Associate Professors

Mara Evans, Catherine M. F. Lohmann.

## Teaching Assistant Professors

Alaina Garland, Eric Hastie, Laura Ott, Lillian Zwemer.

## Affiliated Faculty

Joerg Bauer, James Costa, Stephen T. Crews, Jean DeSaix, Joel Fodrie, Paul Gabrielson, Julie Horvath, William F. Marzluff, Joseph Ruiz, John Salmeron, Aziz Sancar, Alecia Septer, Barbara D. Stegenga, Bryan Stuart, Damon Waitt, Alan S. Weakley, Scott E. Williams.

## Research Faculty

Bryan Heck, Punita Nagpal, Robert K. Peet, Nathanael Prunet, Darrel W. Stafford, Jianke Tie, Michael Werner, Christopher S. Willett, Elaine Y. Yeh.

## Universidad San Francisco de Quito, Ecuador Affiliated Faculty

Paul Cardenas, Jaime Chaves, Juan Guayasamin, Alex Hearn, Antonio Leon-Reyes, Maria de Lourdes Torres, Gabriel Trueba.

## Professors Emeriti

Edward G. Barry, Aristotle Domnas, J. Alan Feduccia, Sarah R. Grant, Albert K. Harris, William M. Kier, Gustavo P. Maroni, Steven W. Matson, Donald W. Misch, Edward D. Salmon, Lillie L. Searles, Alan E. Stiven, Peter S. White, R. Haven Wiley.

## Course List and Description

Stated prerequisites are understood to mean “or equivalent” and may be waived by the course instructor for students who are adequately prepared. BIOL 101/BIOL 101L is the prerequisite for most advanced work in biology. Entering first-year students may earn By-Examination (BE) credit for BIOL 101/BIOL 101L by either

1. scoring 3 or higher on the Biology Advanced Placement examination  
or
2. taking and passing the Department of Biology placement test offered several times during the year.

Sophomores, juniors, and seniors can earn only placement credit (PL, 0 hours) for passing the departmental examination. Additional information is available on the department website (<http://bio.unc.edu/undergraduate/biology-101-placement-exam/>).

Course numbers in the Department of Biology have been assigned according to the following principles:

### First Digit

- Under 100: first-year seminars
- 100 to 199: first-year courses



- 200 to 299: second-year courses
- 300 to 399: advanced undergraduates only
- 400 to 599: courses for advanced undergraduates and graduate students
- 600 to 699: courses for graduate students that are open to exceptionally well-prepared undergraduates
- 700 and above: courses for graduate students only

## Second Digit

- 0–1 general topics courses
- 2 genetics and molecular genetics
- 3 molecular biology and biochemistry
- 4 cell and developmental biology
- 5 organismal and ecological courses
- 6 ecology courses
- 7 courses that fulfill the organismal biology requirement
- 8 special courses
- 9 special topics and research

## BIOL–Biology Undergraduate-level Courses

### BIOL 53. First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome. 3 Credits.

Restricted to first-year students. Introduction, in a first-year seminar, to recent advances in genetics and cell biology, and discussion and debate concerning how these advances are changing medicine, agriculture, and other aspects of our lives.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

### BIOL 55. First-Year Seminar: The Roots and Flowering of Civilization: A Seminar on Plants and People. 3 Credits.

Restricted to first-year students. The focus of this first-year seminar will be on the transition from hunter-gatherer, the interchange of crops, medicinal and psychoactive plants, and organic vs. industrial farming methods.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

### BIOL 57. First-Year Seminar: Detecting the Future: Human Diseases and Genetic Tests. 3 Credits.

Restricted to first-year students. A first-year seminar focusing on the future of human diseases and genetic tests.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.


**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

### BIOL 59. First-Year Seminar: Unsolved Problems in the Genomic Age. 3 Credits.

We are living in times of a genetic revolution. We have sequenced the human genome and are in a position to transform medical treatment in the world. In spite of the advances in DNA sequencing, there remain mysteries in terms of how the cell accesses genetic information and how our genomes are transmitted to progeny cells with such high fidelity. The principles governing chromosome organization have been discovered through advances in biology, physics, and statistics.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FY-SEMINAR, FC-NATSCI or FC-NATSCI.

**Grading Status:** Letter grade.

### BIOL 61. First-Year Seminar: Sea Turtles: A Case Study in the Biology of Conservation. 3 Credits.

Restricted to first-year students. An examination of the biology and conservation of sea turtles, with an emphasis on how current scientific research informs conservation practices.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

### BIOL 62. First-Year Seminar: Mountains Beyond Mountains: Infectious Disease in the Developing World. 3 Credits.

Restricted to first-year students. In this course we will examine the challenges of treating infectious disease in the developing world, and explore the root causes of global health care inequity. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** PL, GL.

**Grading Status:** Letter grade.

### BIOL 64. First-Year Seminar: Modeling Fluid Flow through and around Organs and Organisms. 3 Credits.

The focus of this FYS will be on organisms living within moving fluids. The natural world is replete with examples of animals and plants whose shape influences flow to their benefit. For example, the shape of a maple seed generates lift to allow for long distance dispersal. The structure of a pinecone helps it to filter pollen from the air. A falcon's form during a dive reduces drag and allows it to reach greater speeds.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

### BIOL 65. First-Year Seminar: Pneumonia. 3 Credits.


Restricted to first-year students. Pneumonia will be a lens to examine a thread of history of biology and medicine. Current research to understand the condition, discover treatment and enact prevention options will be examined.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.


**Making Connections Gen Ed:** PL.


**Grading Status:** Letter grade.

 **BIOL 66. First-year seminar: Evolution and the Science of Life. 3 Credits.**

This interdisciplinary first-year seminar examines the roots, ideas, questions and applications of evolutionary biology. What is evolution, how does it work, and how do we study it? How did modern scientific theories of evolution emerge from the traditions of natural philosophy and natural history? How does studying evolution inform us about adaptation, biological diversity, human origins, disease, aging, sex and culture? First-year seminar.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-NATSCI.  
**Grading Status:** Letter grade.

 **BIOL 81. First-Year Seminar: Intuition, Initiative and Industry: Biologists as Entrepreneurs. 3 Credits.**

Successful biologists are necessarily entrepreneurs. This course will explore the parallels between biology and entrepreneurship. We follow these steps: generating ideas, marketing those ideas, testing them, and producing a product.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** CI.  
**Grading Status:** Letter grade.

 **BIOL 89. First Year Seminar: Special Topics. 3 Credits.**

This is a special topics course; content will vary.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

 **BIOL 101. Principles of Biology. 3 Credits.**

Open to all undergraduates. This course is the prerequisite to most higher courses in biology. An introduction to the fundamental principles of biology, including cell structure, chemistry, and function; genetics; evolution; adaptation; and ecology. (See department concerning Advanced Placement credit.) Three lecture hours a week. Honors version available.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI.  
**Making Connections Gen Ed:** PX.  
**Grading Status:** Letter grade.

 **BIOL 101L. Introductory Biology Laboratory. 1 Credits.**

An examination of the fundamental concepts in biology with emphasis on scientific inquiry. Biological systems will be analyzed through experimentation, dissection, and observation. Three laboratory hours a week. Students may not receive credit for both BIOL 101L and BIOL 102L.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.  
**Making Connections Gen Ed:** CI.  
**Requisites:** Pre- or corequisite, BIOL 101.  
**Grading Status:** Letter grade.

 **BIOL 102L. Introductory Biology Laboratory with Research. 1 Credits.**

This Course-based Undergraduate Research Experience (CURE) lab introduces students to the process of science through collaboration on a research project, learning relevant techniques and scientific skills, and presenting research results. Three laboratory hours a week. This lab can be taken in place of BIOL 101L. Students may not receive credit for both BIOL 101L and BIOL 102L.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.  
**Making Connections Gen Ed:** CI, EE- Mentored Research.  
**Requisites:** Pre- or corequisite, BIOL 101.  
**Grading Status:** Letter grade.

 **BIOL 103. How Cells Function. 3 Credits.**

This class is designed for first- or second-year students beginning their study of biological sciences. The course will cover both biological concepts and scientific competencies necessary for a foundational mastery of genetics, molecular biology, and cellular biology. For biology majors, this is one of the three mandatory fundamentals courses required before taking relevant 200-level core classes and upper-level electives.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI.  
**Requisites:** Prerequisite, BIOL 101.  
**Grading Status:** Letter grade.

 **BIOL 104. Biodiversity. 3 Credits.**

The biological diversity we see on Earth today encompasses a variety of genetic, species, and ecosystem level variation. This course will focus on the biological principles that push biologists to understand what produces and sustains the biodiversity of life on Earth. This class will address key questions about how we identify and measure biological diversity, how it changes over time, and why biological diversity matters as our planet continues to change.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI.  
**Requisites:** Prerequisites, BIOL 101; and BIOL 101L or BIOL 102L.  
**Grading Status:** Letter grade.

**BIOL 105L. Biological Research Skills. 1 Credits.**

What is research and how is it done? This course aims to give you a first-hand exposure to the scientific approach in real world situations. You will build your science skills toolkit—experimental design, data processing and interpretation, basic statistics, system modeling, interdisciplinary approaches, and science communication and policy—then use it to explore relevant societal issues like global warming, virus evolution and vaccine development, cancer therapeutics, machine learning, and more! Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101; and BIOL 101L or BIOL 102L.  
**Grading Status:** Letter grade.


**BIOL 113. Issues in Modern Biology. 3 Credits.**

For students not majoring in biology. Students who have taken any other course in the Department of Biology may not register for this course. Recent advances in the understanding of major principles in biology. Emphasis on genetics and medicine. Does not count as a course in the major. Three lecture hours a week.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

 **BIOL 115. Reasoning with Data: Navigating a Quantitative World. 3 Credits.**

Students will use mathematical and statistical methods to address societal problems, make personal decisions, and reason critically about the world. Authentic contexts may include voting, health and risk, digital humanities, finance, and human behavior. This course does not count as credit towards the psychology or neuroscience majors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

**Same as:** MATH 115, PSYC 115, STOR 115.

**BIOL 117. Pre-Health Thrive-1 Considering Health Professions. 1 Credits.**

This course provides exposure to a variety of health professions, emphasizing ways health care teams work together (interprofessional interactions). Self-assessments will be utilized to examine articulation between strengths and interests and the skills and competencies required in healthcare careers. Throughout the course, practitioners will provide insight into their professions such as allopathic and osteopathic medicine, podiatric medicine, veterinary medicine, optometry, dentistry, pharmacy, nursing, social work, and occupational therapy. Does not count toward major.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**BIOL 118. Pre-Health Thrive-2 Pursuing Health Professions. 1 Credits.**

This course will provide guidance to plan a path toward a profession of interest by selecting appropriate course, service, and research opportunities to include in a portfolio useful in completing applications. Application preparation and interview skills will be addressed for health professions programs such as allopathic and osteopathic medicine, podiatric medicine, veterinary medicine, optometry, dentistry, pharmacy, nursing, social work, occupational therapy, and many others. This does not count as a course in the major.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**BIOL 150. The Creativity of Science, or Scientific Thinking in Biology. 3 Credits.**

This course provides an introduction to the dynamic, creative, and open-ended process that is the scientific method. Through the analysis of news reports and primary scientific literature (covering a range of socially relevant biology topics), students will learn how to understand and interpret data, gain critical analysis skills, and begin to "think like scientists." Enrollment restricted to first-years and transfer students in their first year at UNC (transfer students, email instructor to be enrolled).

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**BIOL 190. Special Topics in Biology at an Introductory Level. 3 Credits.**

Special topics in biology at an introductory level. This course does not count as a course in the biology major.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 190L. Laboratory in Special Topics in Biology at an Introductory Level. 1 Credits.**

Laboratory in special topics in biology at an introductory level. This course does not count as a course in the biology major.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 195. Introduction to Research. 1 Credits.**

The research work must involve at least four hours per week of mentored research in a campus research laboratory. Does not count as a course in the major.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

**BIOL 201. Ecology and Evolution. 4 Credits.**

Principles governing the ecology and evolution of populations, communities, and ecosystems, including speciation, population genetics, population regulation, and community and ecosystem structure and dynamics. Three lecture hours and one recitation-demonstration-conference hour a week. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PL, QI.

**Requisites:** Prerequisites, BIOL 101 and CHEM 101 or 102; A grade of C or better in BIOL 101 and CHEM 101 or 102 required.

**Grading Status:** Letter grade.

 **BIOL 202. Molecular Biology and Genetics. 4 Credits.**

Structure and function of nucleic acids, principles of inheritance, gene expression, and genetic engineering. Three lecture hours and one recitation-demonstration-conference hour a week. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections).

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, BIOL 101 and CHEM 101 or 102; A grade of C or better in BIOL 101 and CHEM 101 or 102 is required.

**Grading Status:** Letter grade.

 **BIOL 204. The Microbial World: Foundations in Structure, Metabolism, and Ecology. 3 Credits.**

This course will provide a basic introduction to microbiology and microbial ecology and evolution, covering topics such as cell structure, energetics, genomics, evolution and gene flow, ecological interactions, population and community dynamics, and biogeochemical cycling.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Requisites:** Prerequisite, BIOL 103.

**Grading Status:** Letter grade.

**Same as:** EMES 204.

**BIOL 205. Cellular and Developmental Biology. 4 Credits.**

Fundamentals of cell structure and activity in relation to special functions, metabolism, reproduction, embryogenesis, and with an introduction to the experimental analysis of cell physiology and development. Three lectures and one recitation-demonstration-conference hour a week. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 202; a grade of C- or better in BIOL 202 is required.

**Grading Status:** Letter grade.

**BIOL 211. Introduction to Research in Biology. 3 Credits.**

Seminar based on current investigations at UNC. Students examine sources of scientific information, explore the logic of investigation, and develop proposals. Students with BIOL 211 credit may take a maximum of three hours of BIOL 395.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 201 or 202; permission of the instructor for students lacking the prerequisite; Not open to seniors.

**Grading Status:** Letter grade.

**BIOL 213. Evolution and Life. 3 Credits.**

For students not majoring in biology. Introduction to the scientific study of biological evolution and its applications. The mechanisms that cause evolution and general patterns of evolution during the history of life. Does not count as a course in the major.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 101; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOL 214H. Mathematics of Evolutionary Processes. 3 Credits.**

This Course-based Undergraduate Research Experience (CURE) class teaches students how scientists use mathematics to approach questions in evolutionary biology and ecology. Students learn both biological and mathematical concepts, taught using an array of pedagogical approaches. There are two group projects over the course of the semester, one involving the development of an original mathematical model. Students may not receive credit for both BIOL 214H and BIOL 224H.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 217. The Physician's Garden. 3 Credits.**

First-year transfer students only. This course combines human cell biology and classical botany elaborating the mode of action of plant metabolites in humans. Hands-on experience includes visits to a pharmaceutical company, a botanical garden, and maintaining the campus medicinal garden.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 101.

**Grading Status:** Letter grade.

 **BIOL 220. Molecular Genetics. 3 Credits.**


This intermediate-level biology course is geared towards advanced first years, sophomores, and juniors majoring in biology or in related fields. This is a comprehensive course for majors, covering transmission and molecular genetics; DNA replication, repair and mutation; the central dogma, gene regulation mechanisms, and manipulation of genes at the molecular level. We will also learn the impact of molecular genetics on development and disease. Honors section available. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Requisites:** Prerequisites, BIOL 101 and 103.

**Grading Status:** Letter grade.

 **BIOL 221. Seafood Forensics. 3 Credits.**

In this Course-based Undergraduate Research Experience (CURE) class, students will use forensic sciences (primarily DNA barcoding technology) to quantify seafood mislabeling. Students will learn the importance of food labeling as well as its impact on marine ecosystems and human health.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisite, BIOL 101; corequisite, BIOL 221L; permission of the instructor for students lacking the requisites.

**Grading Status:** Letter grade.

 **BIOL 221L. Seafood Forensics Laboratory. 1 Credits.**

In this Course-based Undergraduate Research (CURE) lab, students will use forensic sciences (primarily DNA barcoding technology) to quantify seafood mislabeling. Students will perform experiments based on hypotheses formulated in the co-requisite lecture course.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, BIOL 101; corequisite, BIOL 221; permission of the instructor for students lacking the requisites.

**Grading Status:** Letter grade.

 **BIOL 222. Introduction to Programming with Biological Data. 3 Credits.**

All subdisciplines of biology deal with data. As the amount of data increases, automated methods of reading, manipulating and displaying data are necessary. This course covers the basics of practical computer programming to deal with this biological data. The emphasis is on learning techniques of reading, manipulating, analyzing and visualizing biological data.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-QUANT.**Requisites:** Prerequisite, BIOL 101.**Grading Status:** Letter grade.**BIOL 224H. The Mathematics of Life. 3 Credits.**

An accessible treatment of classic mathematical applications to molecules, cells, development, genetics, ecology, and evolution, complementing the material taught in BIOL 201, 202, and 205. Three lecture hours a week. Students may not receive credit for both BIOL 224H and BIOL 214H.

**Rules & Requirements****Requisites:** Prerequisite, MATH 231; Permission of the instructor for students lacking the prerequisite; Corequisite, BIOL 224L.**Grading Status:** Letter grade.**BIOL 224L. The Mathematics of Life Laboratory. 1 Credits.**

An accessible treatment of classic mathematical applications to molecules, cells, development, genetics, ecology, and evolution, complementing the material taught in BIOL 201, 202, and 205. This lab component is programming-based.

**Rules & Requirements****Requisites:** Prerequisite, MATH 231; Permission of the instructor for students lacking the prerequisite; corequisite, BIOL 224H.**Grading Status:** Letter grade.**BIOL 226. Mathematical Methods for Quantitative Biology. 3 Credits.**

Introduction to quantitative biology with emphasis on applications that use mathematical modeling, linear algebra, differential equations, and computer programming. Applications may include neural networks, biomechanics, dispersion, and systems of biochemical reactions. Three lecture hours a week.

**Rules & Requirements****Making Connections Gen Ed:** QI.**Requisites:** Prerequisites, One 200-level BIOL course; and MATH 210 or MATH 232; Permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 226L.**Grading Status:** Letter grade.**BIOL 226L. Mathematical Methods for Quantitative Biology Laboratory. 1 Credits.**

Introduction to quantitative biology with emphasis on applications that use mathematical modeling, linear algebra, differential equations, and computer programming. Applications may include neural networks, biomechanics, dispersion, and systems of biochemical reactions. Three laboratory hours a week.

**Rules & Requirements****Requisites:** Prerequisites, One 200-level BIOL course; and MATH 210 or MATH 232; Permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 226.**Grading Status:** Letter grade.**BIOL 240. Cell Biology. 3 Credits.**


This course will cover both biological concepts and scientific competencies necessary for a foundational mastery of cellular biology. Honors version available.

**Rules & Requirements****Requisites:** Prerequisite, BIOL 103.**Grading Status:** Letter grade.**BIOL 250. Evolutionary Biology. 3 Credits.**

This course will foster an understanding of how the science of evolutionary biology can be used to understand life on the planet. Topics to be explored include the causes of speciation and extinction, why humans get sick and age, and how genomes evolve. Students will learn how to interpret data from an evolutionary perspective, apply evolutionary principles to applications in medicine, conservation, agriculture and other disciplines, and prepare for more advanced work in biology.

**Rules & Requirements****Requisites:** Prerequisite, BIOL 104.**Grading Status:** Letter grade.**BIOL 251L. Human Physiology Virtual Laboratory. 1 Credits.**

This is a course of simulated laboratory measurements exercises using typical data derived from actual physiological measurements on human subjects. Only offered through continuing education. Students may not receive credit for both BIOL 251L and BIOL 252.

**Rules & Requirements****Requisites:** Pre- or corequisite, BIOL 251; permission of the instructor for students lacking the prerequisite.**Grading Status:** Letter grade. **BIOL 252. Fundamentals of Human Anatomy and Physiology. 3 Credits.**

One biology course over 200 recommended. An introductory but comprehensive course emphasizing the relationship between form and function of the body's organ systems. Three lecture hours each week. Students may not receive credit for BIOL 252 and BIOL 251 or BIOL 251L or BIOL 352 or BIOL 353. Honors version available.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-NATSCI.**Making Connections Gen Ed:** PX.**Requisites:** Prerequisites, BIOL 101; corequisite, BIOL 252L.**Grading Status:** Letter grade.**BIOL 252L. Fundamentals of Human Anatomy and Physiology Laboratory. 1 Credits.**

Organ level human structure and function. Three laboratory hours a week.

**Rules & Requirements****Requisites:** Prerequisite, BIOL 101, and BIOL 101L or BIOL 102L; Corequisite, BIOL 252; Permission of the instructor for students lacking the pre- or corequisite.**Grading Status:** Letter grade.

**BIOL 253L. Advanced Human Anatomy and Physiology Laboratory. 1 Credits.**

In-depth study of physiological mechanisms by hands-on experimentation. Students gain experience in collecting, analyzing, and presenting human physiological data. Does not count as a biology elective course for the major or minor.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 252 and 252L; Corequisite, BIOL 253.

**Grading Status:** Letter grade.

**BIOL 253. Advanced Human Anatomy and Physiology. 3 Credits.**

In-depth study of physiological mechanisms at molecular, cellular, and system levels of organization. Students will develop analytical and problem solving skills. Intended for preprofessional students requiring a second semester of anatomy and physiology. Can be used as an allied science elective but not a biology elective course for the major or minor.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 252 and 252L; Corequisite, BIOL 253L.

**Grading Status:** Letter grade.

 **BIOL 255. The Evolution of Extraordinary Adaptations. 4 Credits.**


In this honors Course-based Undergraduate Research (CURE) class, students will learn how to do science. This includes reading the relevant scientific literature, formulating a research question, collecting data, performing statistical analysis, and presenting research results. Students will test new hypotheses in ecology and evolution for spectacular adaptations in organisms using field and laboratory experiments and observations. This course counts as a lab elective for Biology degrees. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI, RESEARCH.

**Requisites:** Prerequisite, BIOL 101.

**Grading Status:** Letter grade.

 **BIOL 255L. The Evolution of Extraordinary Adaptations Laboratory. 1 Credits.**

In this Course-based Undergraduate Research Experience (CURE) lab, students will learn how to do science. This includes formulating a question, collecting data, and statistical analysis, to presenting research results. Students will test new hypotheses in ecology and evolution for spectacular adaptations in the Venus flytrap and the scale-eating pupfish using field and laboratory experiments and observations.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.

**Requisites:** Prerequisites, BIOL 101; and BIOL 101L or BIOL 102L; Corequisite, BIOL 255.

**Grading Status:** Letter grade.

**BIOL 256. Mountain Biodiversity. 4 Credits.**

Introduction to the new field of biodiversity studies, which integrates approaches from systematics, ecology, evolution, and conservation. Taught at off-campus field station.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 256.

**BIOL 260. Introduction to Ecology. 3 Credits.**

This course is a survey of the field of ecology intended for undergraduates who are early in their studies of biology. The course will provide a broad and detailed understanding of the field of ecology, including major concepts, broad empirical patterns, important contemporary directions, and ecological applications. Students will read and discuss primary literature, analyze ecological data sets, and consider effective science communication strategies.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 104 or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **BIOL 271. Plant Biology. 3 Credits.**

Designed for students with an interest in natural sciences. An introduction to the principles of botany including structure, function, reproduction, heredity, environmental relationships, evolution and classification of plants. Three lecture hours a week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PX.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 271L.

**Grading Status:** Letter grade.

 **BIOL 271L. Plant Biology Laboratory. 1 Credits.**

Designed for students with an interest in natural sciences. An introduction to the principles of botany including structure, function, reproduction, heredity, environmental relationships, evolution and classification of plants. Three laboratory hours a week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 271.

**Grading Status:** Letter grade.

**BIOL 272. Local Flora. 4 Credits.**

Open to all undergraduates. North Carolina's flora: recognition, identification, classification, evolution, history, economics, plant families, ecology, and conservation. Three lecture and three laboratory hours per week.

**Rules & Requirements**

**Making Connections Gen Ed:** PX.

**Requisites:** Prerequisites, BIOL 101, and 101L or 102L.

**Grading Status:** Letter grade.

**Same as:** ENEC 272.

**BIOL 273. Horticulture. 4 Credits.**

The cultivation, propagation and breeding of plants, with emphasis on ornamentals. Control of environmental factors for optimal plant growth. Laboratory exercises include plant culture, propagation, pruning, and identification of common ornamentals. Two lecture, one recitation, and three laboratory hours a week.

**Rules & Requirements**

**Making Connections Gen Ed:** PX.

**Requisites:** Prerequisite, BIOL 101.

**Grading Status:** Letter grade.

**BIOL 274. Plant Diversity. 3 Credits.**

Survey of major groups of plants emphasizing interrelationships and comparative morphology. Culturing techniques and field work included. Three lecture hours a week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PX, EE- Field Work.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 274L.

**Grading Status:** Letter grade.

**BIOL 274L. Plant Diversity Laboratory. 1 Credits.**

Survey of major groups of plants emphasizing interrelationships and comparative morphology. Culturing techniques and field work included. Three laboratory hours a week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 274.

**Grading Status:** Letter grade.

**BIOL 277. Vertebrate Field Zoology. 3 Credits.**

Introduction to the diversity, ecology, behavior, and conservation of living vertebrates. Three lecture hours a week.

**Rules & Requirements**

**Making Connections Gen Ed:** PX.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L.

**Grading Status:** Letter grade.

**BIOL 277L. Vertebrate Field Zoology Laboratory. 1 Credits.**

Study of the diversity of vertebrates in the field. Three laboratory and field hours a week, including one or two weekend trips.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Corequisite, BIOL 277; Permission of the instructor for students lacking the corequisite.

**Grading Status:** Letter grade.

**BIOL 278. Animal Behavior. 3 Credits.**

Introduction to animal behavior with emphases on the diversity and adaptation of behavior in natural conditions. Three lecture hours a week.

**Rules & Requirements**

**Making Connections Gen Ed:** PX.

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L.

**Grading Status:** Letter grade.

**BIOL 278L. Animal Behavior Laboratory. 1 Credits.**

Techniques of observation and experiments in animal behavior. Three laboratory hours a week.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, BIOL 278.

**Grading Status:** Letter grade.

**BIOL 279. Seminar in Organismal Biology. 2-3 Credits.**

Permission of the instructor. An undergraduate course devoted to consideration of pertinent aspects of a selected organismal biological discipline.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**BIOL 279L. Topics in Organismal Biology Laboratory. 1-2 Credits.**

Permission of the instructor. An undergraduate laboratory course covering aspects of a specific organismal biological discipline. Laboratory reports will be required. Research work is not included in this course.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 290. Special Topics in Biology. 1-3 Credits.**

Permission of the instructor. An undergraduate seminar course devoted to consideration of pertinent aspects of a selected biological discipline. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**BIOL 290L. Special Topics in Biology Laboratory. 1-2 Credits.**

Permission of the instructor. An undergraduate laboratory course covering aspects of a specific biological discipline. Laboratory reports will be required. Research work is not included in this course.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 3 total completions.

**Grading Status:** Letter grade.

**BIOL 291. Teaching Apprentice in Biology. 1 Credits.**

Permission required. 3.0 or higher in course taught. Experience includes preparations, demonstrations, assistance, and attendance at weekly meetings. Apprentices will not be involved in any aspects of grading. May be repeated for credit.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**BIOL 292. Teaching Assistant in Biology. 2 Credits.**

Permission required. 3.0 in course taught. Experience includes weekly meetings, preparations, demonstrations, instruction, and grading. May be repeated for credit. Six hours per week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**BIOL 293. Undergraduate Internship in Biology. 3 Credits.**

Biology majors only. The sponsored, off-campus work must involve at least 135 hours. Does not count as a course in the major. Permission of the instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisite, BIOL 201 or 202; or BIOL 103 or 104.

**Grading Status:** Letter grade.

**BIOL 294. Service Learning in Biology: APPLES. 1-2 Credits.**

Permission of the instructor. APPLES service-learning component for students enrolled in biology courses. Does not count as a course in the major. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**BIOL 295. Educational and Social Research in Biology. 1-3 Credits.**

This class is for students to pursue educational or social research related to the field of biology under the mentorship of a faculty member in the Department of Biology or another department on campus. Students mentored on projects by faculty outside the Department of Biology must identify a Department of Biology faculty member to sponsor their research. This course does not count as a biology elective in the biology major or minor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisite, BIOL 101.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**BIOL 296. Directed Readings in Biology. 1-3 Credits.**

Permission of the instructor. Extensive and intensive reading of the literature of a specific biological field directly supervised by a member of the biology faculty. Written reports on the readings, or a literature review paper will be required. Cannot be used as a course toward the major. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 350. Oceanography. 3 Credits.**

Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see EMES 103. Students may not receive credit for both EMES 103 and EMES 401. Course previously offered as GEOL 403/MASC 401.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** EMES 401, ENVR 417.

**BIOL 390. Special Topics in Biology. 1-3 Credits.**

Special topics course. Content and topics will vary each semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**BIOL 395. Undergraduate Research in Biology. 1-3 Credits.**

Hands-on research in the laboratory and/or field involving the study of biology. Requires written paper (first semester) or research poster (second semester). Up to five total hours counts as a lecture course. Six total hours counts as a biology elective with laboratory. Majors only. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, BIOL 201; or BIOL 202; or BIOL 220; or BIOL 240; or BIOL 250; or BIOL 260; or an organismal core course.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****BIOL 402. Infectious Disease in the Developing World. 3 Credits.**

We will explore the challenges of infectious disease in the developing world, focusing on tuberculosis, HIV, and malaria. We will also examine the economics of different approaches to health care.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103 and BIOL 104 and BIOL 220 and BIOL 240.

**Grading Status:** Letter grade.

**BIOL 405. Good Genes: Human Reproduction in the Social Context. 3 Credits.**

Reproduction is the most ancient feature of life and a continued focus of cutting-edge medical technology. This interdisciplinary course examines our biological imperative and cultural quest to make babies. We examine reproduction from the perspectives of bioethics, reproductive medicine, behavioral economics, genetic engineering, disability studies, and gender studies. Teaching methods include traditional lectures, in-class discussions, group work, peer teaching, and occasional flipped-classroom. Students who previously took BIOL 89/490 with Dr. Zwemer may not enroll.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103 and 104; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOL 409L. Art and Science: Merging Printmaking and Biology. 1 Credits.**

This is the lab component of ARTS 409 that brings together art majors and science majors to combine theory and practical learning in a biology laboratory, which focusing primarily on microscopic life and biological motion, with printmaking. Does not count as an elective towards the biology major. Permission of the instructor.

**Rules & Requirements**

**Requisites:** Prerequisites, A 200-level BIOL course, or a 200-level ARTS course; and permission of the instructor; Corequisite, ARTS 409.

**Grading Status:** Letter grade.



**BIOL 421L. Microbiology Laboratory with Research. 2 Credits.**

Sterile technique, bacterial growth, physiology, genetics and diversity, and bacteriophage. Research in bacterial genetics.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Pre- or corequisite, BIOL 422.

**Grading Status:** Letter grade.

**BIOL 422. Microbiology. 3 Credits.**

Bacterial form, growth, physiology, genetics, and diversity. Bacterial interactions including symbiosis and pathogenesis (animal and plant). Use of bacteria in biotechnology. Brief introduction to viruses.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202; or BIOL 103 and BIOL 104 and BIOL 220; or permission of the instructor for students lacking the prerequisite(s).

**Grading Status:** Letter grade.

**BIOL 422L. Microbiology Laboratory. 1-2 Credits.**

Sterile technique, bacterial growth and physiology, bacterial genetics, bacteriophage, and bacterial diversity.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, BIOL 422.

**Grading Status:** Letter grade.

 **BIOL 423. Genetics Experiments. 3 Credits.**

This is a Course-based Undergraduate Research Experience (CURE) combination course/lab. Using genetics and genome biology, students will study DNA repair and chromosome stability using yeast as a model system in a cutting edge research laboratory.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 220; Corequisite, BIOL 423L.

**Grading Status:** Letter grade.

**BIOL 423L. Genetics Experiments Laboratory. 1 Credits.**

This is a Course-based Undergraduate Research Experience (CURE) combination course/lab. Using genetics and genome biology, students will study DNA repair and chromosome stability using yeast as a model system in a cutting edge research laboratory.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 220; Corequisite, BIOL 423.

**Grading Status:** Letter grade.

**BIOL 424. Microbial Ecology. 3 Credits.**

Class emphasizes the creativity of the scientific process, using primary scientific literature as a framework to discuss topics in microbial ecology, including microbial diversity, distributions, genomics, and co-evolution; host-microbe and microbe-microbe interactions; nutrient cycling; and degradation of plant matter and biofuels.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201 and 202; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 425. Human Genetics. 3 Credits.**

Pedigree analysis, inheritance of complex traits, DNA damage and repair, human genome organization, DNA fingerprinting, the genes of hereditary diseases, chromosomal aberrations, cancer and oncogenes, immunogenetics and tissue transplants. Three lecture hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202; or BIOL 103 and BIOL 104 and BIOL 220; or permission of the instructor for students lacking the prerequisite(s).

**Grading Status:** Letter grade.

**BIOL 426. Biology of Blood Diseases. 3 Credits.**

An introduction to the biology and pathophysiology of blood and the molecular mechanisms of some human diseases: anemias; leukemias; hemorrhagic, thrombotic, and vascular disorders; and HIV disease/AIDS. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103 and BIOL 104 and BIOL 240; or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** PATH 426.

**BIOL 427. Human Diversity and Population Genetics. 3 Credits.**

Specifically, it addresses questions of human origins, population structure, and genetic diversity. This course investigates the facts, methods, and theories behind human population genetics, evolution, and diversity.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201 and 202; or BIOL 103 and 104; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 428. Biology of Viruses. 3 Credits.**

Historically viruses are microscopic disease-causing vectors that make headlines around the world as they emerge, spread, and evolve. More recently, viruses are being used as therapeutic agents to treat disease. The course will provide a historical perspective of viruses past to present. Students will learn virus history, molecular biology of viruses and infection, discovery and treatment of emerging viruses, and the impact of viruses on society.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, and BIOL 104, and either BIOL 220 or BIOL 240.

**Grading Status:** Letter grade.

**BIOL 430. Introduction to Biological Chemistry. 3 Credits.**

The study of cellular processes including catalysts, metabolism, bioenergetics, and biochemical genetics. The structure and function of biological macromolecules involved in these processes is emphasized. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101, and CHEM 262 or 262H.

**Grading Status:** Letter grade.

**Same as:** CHEM 430.

**BIOL 431. Biological Physics. 3 Credits.**

How diffusion, entropy, electrostatics, and hydrophobicity generate order and force in biology. Topics include DNA manipulation, intracellular transport, cell division, molecular motors, single molecule biophysics techniques, nerve impulses, neuroscience.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 116 and 117, or PHYS 118 and 119.

**Grading Status:** Letter grade.

**Same as:** PHYS 405, BMME 435.

**BIOL 434. Molecular Biology. 3 Credits.**

Advanced studies in molecular biology from an experimental approach.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202 and CHEM 261; or BIOL 103, BIOL 104, BIOL 220, and CHEM 261; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 436. Plant Genetics, Development, and Biotechnology. 3 Credits.**

Recent advances in plant molecular biology, genetics, development, and biotechnology, and their potential relevance to agriculture. The course will include lectures, reading and discussions of papers from the primary literature, and student presentations. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202; or BIOL 271; or BIOL 103, BIOL 104, and BIOL 220; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 439. Introduction to Signal Transduction. 3 Credits.**

This course presents an introduction to signal transduction pathways used by higher eukaryotes. Several signaling paradigms will be discussed to illustrate the ways that cells transmit information. Three lecture hours per week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 440. Stem Cell Biology. 3 Credits.**

Stem cells are important for a number of biological processes and have become topics of fascination in popular science and culture. This course will build from a solid foundation of genetics, cell, and developmental biology to give students a broad appreciation of stem cells in development, aging, disease, and bioengineering. Students will understand key concepts in stem cell biology like potential and immortality as well as understand stem cells' promise and limitations in therapeutic settings.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202; or BIOL 103 and BIOL 104 and (BIOL 220 or BIOL 240); or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 441. Vertebrate Embryology. 3 Credits.**

Principles of development with special emphasis on gametogenesis, fertilization, cleavage, germ layer formation, organogenesis, and mechanisms, with experimental analysis of developmental processes. Three lecture hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, and BIOL 104, and either BIOL 240 or BIOL 252; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 441L. Vertebrate Embryology Laboratory. 1 Credits.**

Descriptive and some experimental aspects of vertebrate development. Three laboratory hours a week.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, BIOL 441.

**Grading Status:** Letter grade.

**BIOL 442. Self Assembly in Cell Biology. 3 Credits.**

In this class, we will read and discuss together the primary literature to understand how self-assembly in cell biology is harnessed in normal cells and goes awry in disease. A secondary goal will be for students to develop numeracy in cell biology so as to understand cell processes in a quantitative framework.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205 and another BIOL course numbered above 205; or BIOL 103, and BIOL 104, and BIOL 220 or BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 443. Developmental Biology. 3 Credits.**

An experimental approach to an understanding of animals and plants. The approach covers developmental processes, molecular, genetic, cell biological and biochemical techniques, with an emphasis on the molecules involved in development.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, and BIOL 104, and BIOL 220 or BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 444. Molecular Basis of Disease. 3 Credits.**

This course investigates the biological causes behind human diseases via critical thinking and analysis of experimental research outcomes. It approaches topics from a research perspective similar to a graduate seminar. Topics covered include genetic/inherited diseases, metabolic diseases, immunological disorders, infectious diseases, cancer, cardiovascular diseases, and neurological diseases.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 240.

**Grading Status:** Letter grade.

**BIOL 445. Cancer Biology. 3 Credits.**

Selected examples will be used to illustrate how basic research allows us to understand the mechanistic basis of cancer and how these insights offer hope for new treatments.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, BIOL 220, and BIOL 240.

**Grading Status:** Letter grade.

**BIOL 446. Unsolved Problems in Cellular Biology. 3 Credits.**

A survey of areas of current interest in cytology, embryology, and genetics with concentration on problems that remain unsolved but that appear to be near solution. Three lecture and discussion hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 447. Cell Biology: Beyond Core Basics. 1 Credits.**

Modern methods in cell biology.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205 with C+ or better; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 447L.

**Grading Status:** Letter grade.

**BIOL 447L. Cell Biology: Beyond Core Basics Laboratory. 3 Credits.**

Modern methods in cell biology lab.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205 with C+ or better; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 447.

**Grading Status:** Letter grade.

**BIOL 448. Advanced Cell Biology. 3 Credits.**

An advanced course in cell biology, with emphasis on the biochemistry and molecular biology of cell structure and function. Three lecture hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 449. Introduction to Immunology. 3 Credits.**

This course provides a general overview of the evolution, organization, and function of the immune system. Instruction will be inquiry-based with extensive use of informational and instructional technology tools.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** MCRO 449.

**BIOL 450. Neurobiology. 3 Credits.**

Recommended preparation, BIOL 205. Survey of neurobiological principles in vertebrates and invertebrates, including development, morphology, physiology, and molecular mechanisms. Three lectures a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 451. Comparative Physiology. 3 Credits.**

An examination of the physiology of animals using a comparative approach. Both invertebrate and vertebrate animals are discussed in order to elucidate general principles.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L, and PHYS 104 or 114 or 116, and PHYS 105 or 115 or 117.

**Grading Status:** Letter grade.

**BIOL 451L. Comparative Physiology Laboratory. 1 Credits.**

The fundamental principles of physiology are explored using physical models, animal experiments, and non invasive experiments on humans, reinforcing the understanding of concepts presented in lecture.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, BIOL 451.

**Grading Status:** Letter grade.

**BIOL 452. Marine Microbial Symbioses: Exploring How Microbial Interactions Affect Ecosystems and Human Health. 3 Credits.**

Course material covers host-microbe and microbe-microbe interactions found in marine ecosystems, including beneficial and parasitic relationships among viruses, microbes, marine animals, and humans. Limited to upper-level undergraduate science majors and graduate students. Course previously offered as MASC 446.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** EMES 446.

**BIOL 453. Molecular Control of Metabolism and Metabolic Disease. 3 Credits.**

This class will cover the small molecules, enzymes, signaling proteins, and pathways that control metabolic processes and that are altered in metabolic disease. We will generally take an experimental approach to explore and understand the fundamental aspects of metabolism.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202 and CHEM 261; or BIOL 103, BIOL 104, BIOL 220, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 454. Evolutionary Genetics. 3 Credits.**

The roles of mutation, migration, genetic drift, and natural selection in the evolution of the genotype and phenotype. Basic principles are applied to biological studies. Three lecture hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201 and BIOL 202; or BIOL 103 and BIOL 104; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 455. Behavioral Neuroscience. 3 Credits.**

The neurobiological basis of animal behavior at the level of single cells, neural circuits, sensory systems, and organisms. Lecture topics range from principles of cellular neurobiology to ethological field studies.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 456. Marine Phytoplankton. 3 Credits.**

For junior and senior science majors or graduate students. Biology of marine photosynthetic protists and cyanobacteria. Phytoplankton evolution, biodiversity, structure, function, biogeochemical cycles and genomics. Harmful algal blooms, commercial products, and climate change. Three lecture/practical session hours per week. Course previously offered as MASC 444. Permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** EMES 444, ENEC 444.

**BIOL 457. Marine Biology. 3 Credits.**

Recommended preparation, BIOL 201 or 475. A survey of plants and animals that live in the sea: characteristics of marine habitats, organisms, and the ecosystems will be emphasized. Marine environment, the organisms involved, and the ecological systems that sustain them. Course previously offered as MASC 442.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** EMES 442.

**BIOL 458. Sensory Neurobiology and Behavior. 3 Credits.**

Recommended preparation, BIOL 205. An exploration of sensory systems and sensory ecology in animals. Topics range from neurophysiological function of sensory receptors to the role of sensory cues in animal behavior.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103 and BIOL 104; BIOL 240 recommended.

**Grading Status:** Letter grade.

**BIOL 459. Field Biology at Highlands Biological Station. 1-4 Credits.**

Content varies. Summer field biology at the Highlands Biological Station focuses on the special faunal and floristic processes and patterns characteristic of the southern Appalachian mountains. Five lecture and three to five laboratory and field hours per week, depending on credit.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 101; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BIOL 461. Fundamentals of Ecology. 4 Credits.**

Students will develop a comprehensive understanding of the field of ecology, including modern and emerging trends in ecology. They will develop literacy in the fundamental theories and models that capture ecological processes; emphasis will also be placed on the relevance of ecology and ecological research for human society.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201; or BIOL 103, BIOL 104, and BIOL 260.

**Grading Status:** Letter grade.

**Same as:** ENEC 461.

**BIOL 462. Marine Ecology. 3 Credits.**

Survey of the ecological processes that structure marine communities in a range of coastal habitats. Course emphasizes experimental approaches to addressing basic and applied problems in marine systems.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201; or BIOL 475; or BIOL 103, BIOL 104, and BIOL 260.

**Grading Status:** Letter grade.

**Same as:** MASC 440.

**BIOL 463. Field Ecology. 4 Credits.**

Application of ecological theory to terrestrial and/or freshwater systems. Lectures emphasize quantitative properties of interacting population and communities within these systems. Required laboratory teaches methodology applicable for analysis of these systems. Projects emphasize experimental testing of ecological theory in the field. Two lecture and six field hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 260.

**Grading Status:** Letter grade.

**BIOL 464. Global Change Ecology. 3 Credits.**

Responses of plants, animals, and communities to climate and other global changes, emphasizing ecology, physiology, behavior, and evolution. Investigation of past responses and tools for predicting future responses.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 260.

**Grading Status:** Letter grade.

**BIOL 465. Global Biodiversity and Macroecology. 3 Credits.**

We will explore global patterns of diversity of plants, animals, fungi, and microbes, and the insights gained by taking a statistical approach to describing these and other broad-scale ecological patterns.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201; or BIOL 103, BIOL 104, and BIOL 260; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 466. Environmental Microbiology. 3 Credits.**

This course surveys multiple dimensions of environmental microbiology, including methods and techniques for microbial genomics, transcriptomics, and metabolomics, ecological and evolutionary microbiology, the roles of microbes in ecological systems, and current applications of and issues in environmental microbiology.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103 and BIOL 104.

**Grading Status:** Letter grade.

**Same as:** EMES 466.

**BIOL 469. Behavioral Ecology. 3 Credits.**

BIOL 278 recommended but not required and can be taken concurrently. Behavior as an adaptation to the environment. Evolution of behavioral strategies for survival and reproduction. Optimality and games that animals play. Three lecture hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201; or BIOL 103 and BIOL 104.

**Grading Status:** Letter grade.

**BIOL 471. Evolutionary Mechanisms. 3 Credits.**

Introduction to mechanisms of evolutionary change, including natural selection, population genetics, life history evolution, speciation, and micro- and macroevolutionary trends. Three lecture hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201 and BIOL 202; or BIOL 103 and BIOL 104; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 471L.

**Grading Status:** Letter grade.

**BIOL 471L. Evolutionary Mechanisms Laboratory. 1 Credits.**

Introduction to mechanisms of evolutionary change, including natural selection, population genetics, life history evolution, speciation, and micro- and macroevolutionary trends. Three laboratory hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201 and BIOL 202; or BIOL 103 and BIOL 104; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 471.

**Grading Status:** Letter grade.

**BIOL 472. Introduction to Plant Taxonomy. 4 Credits.**

Introduction to the taxonomy of vascular plants. Principles of classification, identification, nomenclature, and description. Laboratory and field emphasis on phytography, families, description, identification, and classification of vascular plant species. Three lecture and three laboratory hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and (BIOL 271 or BIOL 272); or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 473L. Mammalian Morphology Laboratory. 1 Credits.**

Laboratory includes an opportunity for independent investigation of anatomy through dissection, virtual models, and/or 3D modeling.

**Rules & Requirements**

**Requisites:** Corequisite, BIOL 473.

**Grading Status:** Letter grade.

**BIOL 473. Mammalian Morphology and Development. 3 Credits.**

An in-depth examination of the anatomical, evolutionary, and developmental history of mammals, including humans. Particular attention will be given to nervous, musculoskeletal and craniofacial structures.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103 and BIOL 104; Corequisite, BIOL 473L.

**Grading Status:** Letter grade.

**BIOL 474. Evolution of Vertebrate Life. 3 Credits.**

Evolutionary history of the vertebrates. Emphasis on anatomical, physiological, behavioral adaptations accompanying major transitions: the move from water to land, the development of complex integrating systems. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201; or BIOL 202; or BIOL 103 and BIOL 104; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 474L. Vertebrate Structure and Evolution Laboratory. 1 Credits.**

Vertebrate comparative anatomy of organ systems and their evolution with emphasis on human anatomy. Three laboratory hours a week.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, BIOL 474.

**Grading Status:** Letter grade.

**BIOL 475. Biology of Marine Animals. 3 Credits.**

Required preparation, one additional course in biology. An introduction to the major animal phyla emphasizing form, function, behavior, ecology, evolution, and classification of marine invertebrates. Three lecture and three laboratory hours per week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; co-requisite, BIOL 475L.

**Grading Status:** Letter grade.

**BIOL 475L. Biology of Marine Animals Laboratory. 1 Credits.**

This lab serves as an introduction to the major animal phyla emphasizing form, function, behavior, ecology, evolution, and classification of marine invertebrates.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; co-requisite, BIOL 475.

**Grading Status:** Letter grade.

**BIOL 476. Avian Biology. 3 Credits.**

A study of avian evolution, anatomy, physiology, neurobiology, behavior, biogeography, and ecology. Three lecture hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101, and BIOL 101L or BIOL 102L; corequisite, BIOL 476L.

**Grading Status:** Letter grade.

**BIOL 476L. Avian Biology Laboratory. 1 Credits.**

Techniques for the study of avian evolution, ecology, and behavior with emphasis on North Carolina birds. Three laboratory or field hours a week, including one or two weekend field trips.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Corequisite, BIOL 476.

**Grading Status:** Letter grade.

**BIOL 479. Topics in Organismal Biology at an Advanced Level. 3 Credits.**

Topics in organismal biology at an advanced undergraduate or graduate student level.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 479L. Laboratory in Organismal Biology: Advanced Topics. 1-2 Credits.**

Laboratory in topics in organismal biology for advanced undergraduates and graduate students.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 480. Discoveries in Prevention and Cure of Infectious Disease in London. 3 Credits.**

This is a Burch summer honors course taught in London. We will examine three major discoveries relating to infectious disease (vaccination, transmission via water, and antibiotics) and one major epidemic (plague) which led to no scientific response and explore how the thought of the time influenced scientific research. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202; or BIOL 103 and BIOL 104; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 481. Biology, History, and Evolution of Epidemic Diseases. 3 Credits.**

A consideration of the biology and evolution of epidemic diseases and the response of society and the scientific community. Plague, smallpox, cholera, influenza, polio, and COVID-19. Readings from recent scientific papers and history and literature. Students may not receive credit for both BIOL 480 and 481.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 422; or MCRO 251; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 490. Advanced Topics in Biology. 3 Credits.**

Permission of the instructor. Content will vary. Three lecture and discussion hours per week by visiting and resident faculty. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**BIOL 495. Undergraduate Research in Biology. 1-3 Credits.**

Permission of the instructor. Biology majors only. A continuation of the hands-on research in the laboratory and/or field that was started in BIOL 395. A final written paper is required each term. May be repeated. Does not count as a course in the major. Pass/fail credit only. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 395.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Pass/Fail.

**BIOL 501. Ethical Issues in Life Sciences. 3 Credits.**

Permission of the instructor. A consideration and discussion of ethical issues in life sciences including cloning humans, genetic engineering, stem cell research, organ transplantation, and animal experimentation. Counts as a course numbered below 400 for biology major requirements.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 514. Evolution and Development. 3 Credits.**

The course examines the mechanisms by which organisms are built and evolve. In particular, it examines how novel and complex traits and organisms arise from interactions among genes and cells. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201 and BIOL 205; or BIOL 103 and BIOL 104; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 523. Sex Differences in Human Disease. 3 Credits.**

Many human diseases including cancer, cardiovascular disease, dementia, chronic kidney disease, obesity, and auto-immune disease differ in their pathology and treatment between males and females. The class will first cover the hormonal and genetic mechanisms of sex determination, and then build on this knowledge to understand sexual disparities in the development and potential treatments of disease. The course will be based on primary literature and discussions of experimental evidence.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202; or BIOL 205; or BIOL 103 and BIOL 104.

**Grading Status:** Letter grade.

**BIOL 524. Strategies of Host-Microbe Interactions. 3 Credits.**

There is great variety in how microbes colonize and live with their hosts. The course will summarize strategies of pathogenicity, symbiosis, commensalism and mutualism. Evolutionary, cellular, and molecular aspects will be analyzed.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104 and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 525. Analysis and Interpretation of Sequence-Based Functional Genomics Experiments. 3 Credits.**

Practical introduction to functional genomics experiments, such as RNA-seq and ChIP-seq, and computational techniques for the analysis of these data derived from high-throughput sequencing. Interpretation of results will be stressed. Basic knowledge of molecular biology, beginning level computational skills, and familiarity with basic statistical concepts are expected. Three lecture hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202, or BIOL 103 and BIOL 104 and BIOL 220; and COMP 110 or COMP 116; and STOR 120 or STOR 155; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 525L.

**Grading Status:** Letter grade.

**BIOL 525L. Analysis and Interpretation of Sequence-Based Functional Genomics Experiments Laboratory. 1 Credits.**

Computer lab will provide students with experience using computational software for analysis of functional genomics experiments. Basic knowledge of molecular biology, beginning level computer skills, and familiarity with basic statistical concepts are expected. One laboratory hour a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202, or BIOL 103 and BIOL 104 and BIOL 220; and COMP 110 or COMP 116; and STOR 120 or STOR 155; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 525.

**Grading Status:** Letter grade.

**BIOL 526. Computational Genetics. 4 Credits.**

Introduction to computational principles underlying sequence alignment and phylogenetics, genome assembly and annotation, analysis of gene function, and other bioinformatics applications. Includes a one-hour computer laboratory. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 220; and COMP 110 or COMP 116 or BIOL 226; and STOR 120 or STOR 155; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 527. Seminar in Quantitative Biology. 3 Credits.**

Seminar in quantitative biology for advanced students. The course counts as a quantitative biology course for the major.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103 and BIOL 104; and COMP 110 or COMP 116; and MATH 232; or permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**BIOL 527L. Laboratory in Quantitative Biology. 1 Credits.**

Laboratory in quantitative biology for advanced students. The laboratory will involve mathematical analysis and modeling of biological systems and processes.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

**BIOL 528. Quantitative Personalized Genomics. 3 Credits.**

Personalized medicine, specifically using genetic markers to improve outcomes and minimize side effects (pharmacogenomics) requires the development and application of advanced computational and quantitative techniques. Students will develop computational skills to address contemporary genomic and statistical problems.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202, or BIOL 103 and BIOL 104 and BIOL 220; and COMP 110 or COMP 116 or BIOL 226; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 528L.

**Grading Status:** Letter grade.

**BIOL 528L. Quantitative Personalized Genomics Laboratory. 1 Credits.**

Personalized medicine, specifically using genetic markers to improve outcomes and minimize side effects (pharmacogenomics) requires the development and application of advanced computational and quantitative techniques. Students will develop computational skills to address contemporary genomic and statistical problems in a lab setting.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202, or BIOL 103 and BIOL 104 and BIOL 220; and COMP 110 or COMP 116 or BIOL 226; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 528.

**Grading Status:** Letter grade.

**BIOL 529. Clinical and Counseling Aspects of Human Genetics. 3 Credits.**

Topics in clinical genetics including pedigree analysis, counseling/ethical issues, genetic testing, screening, and issues in human research. Taught in a small group format. Active student participation is expected.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 425; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** GNET 635.

**BIOL 532. Recent Discoveries in Molecular Biology. 3 Credits.**

This course examines recent insights into molecular and cellular processes obtained through modern experimental approaches. Extensive reading of primary literature, discussed in a seminar format.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 220; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 534. Mathematical Modeling in the Life Sciences. 3 Credits.**

Requires some knowledge of computer programming. Model validation and numerical simulations using ordinary, partial, stochastic, and delay differential equations. Applications to the life sciences may include muscle physiology, biological fluid dynamics, neurobiology, molecular regulatory networks, and cell biology.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, MATH 383, and 347.

**Grading Status:** Letter grade.

**Same as:** MATH 564.

**BIOL 535. Molecular Biology Techniques. 4 Credits.**

Recommended preparation, BIOL 434. Experiments with bacterial phage, nucleic acid isolation and properties, recombinant DNA techniques, and DNA sequencing. Additional hours in laboratory will be necessary to complete assignments. Permission of the instructor.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 220; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 537. Biotechnology and Synthetic Biology. 3 Credits.**

Recent advances in biotechnology and synthetic biology, and their potential relevance to medicine, agriculture, and engineering. The course will include lectures, reading and discussions of papers from the primary literature, and student projects and presentations.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202; or BIOL 103, BIOL 104, and BIOL 220; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 542. Light Microscopy for the Biological Sciences. 3 Credits.**

Introduction to various types of light microscopy, digital and video imaging techniques, and their application in biological sciences. Permission of the instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 543. Cardiovascular Biology. 3 Credits.**

An experimental approach to understanding cardiovascular development, function, and disease. It covers cardiovascular development (heart, blood vasculature, lymphatic vasculature) and cardiovascular function as linked to selected diseases. Focus on molecular, genetic, cell biological, and biochemical techniques used to study the cardiovascular system, with an emphasis on the genes and signaling pathways involved in cardiovascular development and disease. Most topics will be paired with a research paper from the primary literature. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, BIOL 220, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 544L. Laboratory in Diseases of the Cytoskeleton. 3 Credits.**

This laboratory course offers students the chance to engage in cutting-edge biochemical and cell biological research related to ongoing cytoskeletal research projects in the labs of two UNC faculty members. The course is composed of lectures and laboratory research. Students will become involved in all scientific processes: analysis of prior work, hypothesis generation and testing, data analysis and quantitation, and the presentation of data and conclusions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT, FC-LAB, RESEARCH.

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 545. Exploring Brain, Gut, and Immunity. 3 Credits.**

The course will explore topics that relate to how the brain and the gut communicate with one another. The course will also examine the connection between the brain-gut axis to the immune system and the microbiota at a molecular, cellular, and organismal level. Students will survey these emerging research topics and critically think, critique, and understand the experimental evidence for what we understand today about the gut and brain relationship. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, and BIOL 104, and BIOL 220 or BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 546. Biology of Aging. 3 Credits.**

This course is designed for undergraduate or graduate students who are interested in understanding how aging is controlled at an advanced level. Emphasis will be placed on molecular and cellular mechanisms of aging in metazoans. Emphasis will also be placed on healthy aging and on how progress and discoveries are made in the field of aging. This course is based on scientific research or review papers and has no textbook.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 547. Synaptic Plasticity: Analysis of Primary Literature. 3 Credits.**

In this highly interactive, small-group course, we will read a series of scientific papers that elegantly demonstrate molecular events that are fundamental to synaptic plasticity, a key mechanism of learning and memory. Students will become familiar with this exciting neuroscience topic, and also learn how to interpret experimental data and read papers critically and objectively. We will also think about the future experiments suggested by each paper we read.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 202; or BIOL 103, and BIOL 104, and BIOL 220 or BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 551. Comparative Biomechanics. 3 Credits.**

The structure and function of organisms in relation to the principles of fluid mechanics and solid mechanics.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and either PHYS 114 or PHYS 118.

**Grading Status:** Letter grade.

**BIOL 552. Behavioral Endocrinology. 3 Credits.**

Undergraduates need permission of the instructor to enroll. The study of the interactions among hormones, the brain, and behavior from how hormones shape the development and expression of behaviors to how behavioral interactions regulate endocrine physiology.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and BIOL 278.

**Grading Status:** Letter grade.



**BIOL 553. Mathematical and Computational Models in Biology. 3 Credits.**

This course introduces analytical, computational, and statistical techniques, such as discrete models, numerical integration of ordinary differential equations, and likelihood functions, to explore various fields of biology.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, (BIOL 201 and BIOL 202) or (BIOL 103 and BIOL 104); and MATH 231; and (MATH 232 or STOR 120 or STOR 155); or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 553L/MATH 553L.

**Grading Status:** Letter grade.

**Same as:** MATH 553.

**BIOL 553L. Mathematical and Computational Models in Biology Laboratory. 1 Credits.**

This lab introduces analytical, computational, and statistical techniques, such as discrete models, numerical integration of ordinary differential equations, and likelihood functions, to explore various fields of biology.

**Rules & Requirements**

**Requisites:** Prerequisites, (BIOL 201 and 202) or BIOL 103 and BIOL 104); and MATH 231; and (MATH 232 or STOR 120 or STOR 155); or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 553/MATH 553.

**Grading Status:** Letter grade.

**Same as:** MATH 553L.

**BIOL 554. Introduction to Computational Neuroscience. 3 Credits.**

This course covers various mathematical tools and techniques for modeling the various elements and phenomena that comprise the nervous system and brain.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103 and BIOL 104; and BIOL 220 or BIOL 250; and MATH 231; and COMP 110 or COMP 116 or BIOL 226; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 555. Paleobotany: An Introduction to the Past History of Plants. 3 Credits.**

An introduction to the fossil record of plants, investigating how plants originated and changed through geological time to produce the modern flora. Both macrofossils and microfossils will be considered. Three lecture hours a week.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and either BIOL 250 or BIOL 271; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 555L; permission of the instructor for students lacking the requisites.

**Grading Status:** Letter grade.

**Same as:** GEOL 555.

**BIOL 555L. Paleobotany: An Introduction to the Past History of Plants Laboratory. 1 Credits.**

The laboratory involves learning how to locate, collect, prepare, and analyze fossil plants; it also provides fossils that illustrate topics covered in lecture. Students will be involved in field trips to fossil sites and museums to learn about fossil curation and display of fossils for public education. Three laboratory hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and either BIOL 250 or BIOL 271; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 555.

**Grading Status:** Letter grade.

**BIOL 561. Ecological Plant Geography. 3 Credits.**

Description of the major vegetation types of the world including their distribution, structure, and dynamics. The principal causes for the distribution of plant species and communities, such as climate, soils, and history will be discussed.

**Rules & Requirements**

**Requisites:** Prerequisites, GEOG 110; or BIOL 103, 104, and 260; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 562. Statistics for Environmental Scientists. 4 Credits.**

Introduction to the application of quantitative and statistical methods in environmental science, including environmental monitoring, assessment, threshold exceedance, risk assessment, and environmental decision making.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103 and BIOL 104, and either STOR 120 or STOR 155; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** ENEC 562.

**BIOL 563. Statistical Analysis in Ecology and Evolution. 4 Credits.**

Application of modern statistical analysis and data modeling in ecological and evolutionary research. Emphasis is on computer-intensive methods and model-based approaches. Familiarity with standard parametric statistics is assumed.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, MATH 231, and either STOR 120 or STOR 155; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** ENEC 563.

**BIOL 565. Conservation Biology. 3 Credits.**

The application of biological science to the conservation of populations, communities, and ecosystems, including rare species management, exotic species invasions, management of natural disturbance, research strategies, and preserve design principles. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and either BIOL 250 or BIOL 260; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 567. Evolutionary Ecology. 3 Credits.**

Advanced consideration of the evolution of form and function. May include issues in life-history evolution, evolutionary physiology, evolutionary morphology, and the evolution of complexity. Three lecture hours per week.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and either BIOL 250 or BIOL 260; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 568. Disease Ecology and Evolution. 3 Credits.**

Recommended preparation, one course above 400 in ecology or evolution. An advanced class covering the causes and consequences of infectious disease at the levels of whole organisms, populations, communities, and ecosystems.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201 and MATH 231; or BIOL 103, BIOL 104, BIOL 260 and MATH 231; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 579. Organismal Structure and Diversity in the Southern Appalachian Mountains. 4 Credits.**

Permission of the instructor. An examination of the field biology of selected fungi, plants, or animals of the Appalachian Mountains. The morphology, taxonomy, ecology, life history, and behavior of the organisms will be explored both in the laboratory and in the field.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 590. Advanced Special Topics in Biology. 3 Credits.**

Special topics in biology for advanced undergraduate students and graduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**BIOL 590L. Laboratory in Advanced Special Topics in Biology. 1 Credits.**

Laboratory at an advanced level in special topics in biology. Students should have had considerable previous laboratory experience.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BIOL 602. Professional Development Skills for Ecologists and Biologists. 3 Credits.**

The goal of this course is to help students who intend to become professional ecologists or biologists acquire critical skills and strategies needed for achieving their career goals.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 602.

**BIOL 603. MiBio Seminar. 2 Credits.**

This class is designed to 1) enhance students' ability to present scientific material to their peers in a comprehensive, cohesive manner, 2) familiarize students with scientific concepts and technologies used in multiple disciplines, 3) expose students to cutting edge research, 4) prepare students to gain substantial meaning from seminars and to ask questions, and 5) enhance students' ability to evaluate scientific papers and seminars.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** BIOC 603, CBPH 603, GNET 603.

**BIOL 604. Laboratory Practices for New Investigators. 1 Credits.**

Required preparation, participation in an ongoing laboratory research project. Permission of the instructor. A seminar course designed to introduce students to approaches and methods needed in carrying out an independent research project in a particular focus area of biology. For advanced undergraduates and graduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BIOL 605. Reading and Writing Scientific Literature. 1 Credits.**

A seminar course designed to introduce students to how to read and write scientific papers. For advanced undergraduates and graduate students.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 201 or 202.

**Repeat Rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BIOL 620. Bacterial Genetics with Emphasis on Pathogenic and Symbiotic Interactions. 3 Credits.**

Required preparation, a course in microbiology, a course in molecular biology numbered above 300, or research experience in microbiology or molecular biology. Molecular genetics of bacteria. The emphasis will be on pathogenic and symbiotic interactions of bacteria with eukaryotes, although other aspects of bacterial genetics will be considered.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, 104, and 220; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOL 621. Principles of Genetic Analysis I. 3 Credits.**

Genetic principles of genetic analysis in prokaryotes and lower eukaryotes.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 202 or BIOL 220; or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** GNET 621.

**BIOL 622. Principles of Genetic Analysis II. 4 Credits.**

Principles of genetic analysis in higher eukaryotes; genomics.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 621.

**Grading Status:** Letter grade.

**Same as:** GNET 622.

**BIOL 624. Developmental Genetics. 3 Credits.**

Permission of the instructor for undergraduates. Genetic and molecular control of plant and animal development. Extensive reading from primary literature.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GNET 624.

**BIOL 625. Seminar in Genetics. 2 Credits.**

Permission of the instructor for undergraduates. Current and significant problems in genetics. May be repeated for credit.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 6 total completions.

**Grading Status:** Letter grade.

**Same as:** GNET 625.

**BIOL 631. Advanced Molecular Biology I. 3 Credits.**

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. DNA structure, function, and interactions in prokaryotic and eukaryotic systems, including chromosome structure, replication, recombination, repair, and genome fluidity. Three lecture hours a week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GNET 631, BIOC 631, MCRO 631.

**BIOL 632. Advanced Molecular Biology II. 3 Credits.**

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. The purpose of this course is to provide historical, basic, and current information about the flow and regulation of genetic information from DNA to RNA in a variety of biological systems. Three lecture hours a week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GNET 632, BIOC 632, MCRO 632.

**BIOL 635. Careers in Biotechnology. 1 Credits.**

This seminar course will provide graduate and advanced undergraduate students information on career opportunities and culture in the field of biotechnology. The instructor and guest lecturers will present examples of global challenges addressed by modern biotechnology, and how research and development are carried out in the industry. Students will develop and present their own plan for a new biotechnology venture.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**BIOL 639. Seminar in Plant Molecular and Cell Biology. 1 Credits.**

Permission of the instructor. May be repeated for credit. Current and significant problems in plant molecular and cell biology are discussed in a seminar format. Can count as BIOL elective credit in the major if combined with other 600-level courses for a total of three credit hours.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**BIOL 642. Advanced Studies of Cell Division. 3 Credits.**

An advanced course in cell and molecular biology integrating genetic, biochemical, and structural aspects of the cell cycle. Principles derived from a variety of biological systems. Extensive reading of classic papers as well as recent literature.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 205 or BIOL 240; or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOL 648. Palynology. 5 Credits.**

Permission of the instructor. A consideration of various aspects of palynology, including the morphology, structure, development, systematics, evolution, preparation techniques, and analysis of living and fossil pollen grains, spores, and other palynomorphs. Two lecture and six laboratory hours a week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 649. Seminar in Cell Biology. 2 Credits.**

May be repeated for credit. Can count as BIOL elective credit in the major if combined with other 600-level courses for a total of three credit hours.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 205 or BIOL 240; or permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 6 total completions.

**Grading Status:** Letter grade.

**BIOL 650. Animal Cognition. 3 Credits.**

For advanced undergraduates and graduate students. The goal of the course is to gain an in-depth understanding of animal cognition in the context of evolution and neurobiology with an emphasis on recent research.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOL 657. Biological Oceanography. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Marine ecosystem processes pertaining to the structure, function, and ecological interactions of biological communities; management of biological resources; taxonomy and natural history of pelagic and benthic marine organisms. Three lecture and one recitation hours per week. Two mandatory weekend fieldtrips. Course previously offered as MASC 504.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** EMES 507, ENVR 520.

**BIOL 659. Seminar in Evolutionary Biology. 2 Credits.**

Permission of the instructor. Advanced studies in evolutionary biology. Can count as BIOL elective credit in the major if combined with other 600-level courses for a total of three credit hours.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 6 total completions.

**Grading Status:** Letter grade.

**BIOL 661. Plant Ecology. 4 Credits.**

Consideration of terrestrial, vascular plant ecology including environmental physiology, population dynamics, and community structure. Laboratory stresses collection and interpretation of field data. Three lecture and three laboratory hours a week.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisite, BIOL 260; or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOL 669. Seminar in Ecology. 1-3 Credits.**

May be repeated for credit.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 201 or BIOL 260; or permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**Same as:** ENEC 669.

**BIOL 680. Advanced Seminar in Recent Biological Research and Methods. 1 Credits.**

Permission of the instructor. The course will cover topics and experimental approaches of current interest. Students will learn intellectual and practical aspects of cutting-edge topics in biology. It will meet for one hour per week, in a lecture and discussion format.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Letter grade.

**BIOL 690. Advanced Special Topics with an Emphasis on Recent Research. 3 Credits.**

Permission of the instructor. Special topics in biology with an emphasis on recent research. For advanced undergraduates and graduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **BIOL 692H. Senior Honors Thesis in Biology. 3 Credits.**

Preparation of a written and oral presentation of honors thesis research. Research must continue in the same laboratory used in BIOL 395. Senior biology majors only (first or second majors). Required of all candidates for Highest Honors or Honors. Can be taken in either the fall or spring semester of their senior year. Approval of the Biology Honors Director required. Permission of a faculty research director and three credit hours of BIOL 395 in the same laboratory required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Department of Biology**

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## Biology Major, B.S.

Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem. This program is designed for students who intend to continue graduate study in biological or health sciences.

## Student Learning Outcomes

Upon completion of the biology (B.A., B.S.) program, students should be able to:

- Knowledge Base: Demonstrate knowledge of major concepts, theoretical perspectives, empirical findings, and historical trends in the broad field of Biology
- Research Methods: Apply basic research methods in the biological sciences, including research design, data analysis, and data interpretation
- Critical Thinking Skills: Demonstrate the use of critical and creative thinking skills in upper-level biology courses and in their approach to undergraduate research
- Application of Knowledge, Research Methods, and Critical Thinking: Apply knowledge of the field of biology, research skills, and critical thinking skills to undertake a course-based, field, or laboratory research project

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>1, H, F</sup>	4
<b>Core Requirements</b>		
<b>Fundamentals Core Courses</b>		
BIOL 103	How Cells Function <sup>2, F</sup>	3
BIOL 104	Biodiversity <sup>2, F</sup>	3
BIOL 105L	Biological Research Skills	1
<b>Intermediate Level Core Courses</b>		
Two from among the following five options: <sup>3</sup>		6-8
BIOL 220	Molecular Genetics	
BIOL 240	Cell Biology	
BIOL 250	Evolutionary Biology	
BIOL 260	Introduction to Ecology	
An organismal structure and diversity course (see list below)		
Four biology electives (each of three or more credits) numbered above 205 (not including BIOL 213, BIOL 222, BIOL 253, BIOL 291, BIOL 292, BIOL 293, BIOL 294, BIOL 295, BIOL 296, BIOL 353, a second semester of BIOL 395, and BIOL 495). At least three courses in the major must have a laboratory (not including BIOL 101L or BIOL 105L). <sup>4,5</sup>		15
<b>Additional Requirements</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>F</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
Two of the following:		6-8
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	
PHYS 115	General Physics II: For Students of the Life Sciences <sup>F</sup>	
or PHYS 119 Introductory Calculus-based Electromagnetism and Quanta		
COMP 110	Introduction to Programming and Data Science <sup>H</sup>	
or COMP 111 Introduction to Scientific Programming		
or BIOL 222 Introduction to Programming with Biological Data		
STOR 120	Foundations of Statistics and Data Science <sup>F</sup>	
or STOR 215 Foundations of Decision Sciences		
or STOR 151 Introduction to Data Analysis		
or STOR 155 Introduction to Data Models and Inference		
One of the following:		4
PHYS 114	General Physics I: For Students of the Life Sciences <sup>F</sup>	

PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>F</sup>	
A choice of two additional allied sciences electives selected from the course list below (some courses are more than 3 credits)		6
Remaining General Education requirements and enough free electives to accumulate 120 academic hours		
<b>Total Hours</b>		<b>63-67</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> With a C grade or better in BIOL 101










<sup>2</sup> Both BIOL 103 and BIOL 104 need to be completed before taking a 400-level BIOL class in the major.

<sup>3</sup> Core courses taken beyond the two required ones may be used as electives.

<sup>4</sup> At least two courses in the major must be numbered above 400 (not including BIOL 501 and BIOL 692H). One additional elective may consist of a total of three hours of courses numbered above 600 (not including BIOL 692H).

<sup>5</sup> BIOL 395 counts as a laboratory course for students entering in Fall 2022 or later. Other laboratory courses include all of the Organismal Structure and Diversity courses listed below, any course with an "L" designation (except BIOL 253/BIOL 253L, which does not count as an elective in the major), and the following courses: BIOL 255H, BIOL 256, BIOL 459, BIOL 461, BIOL 463, BIOL 526H, BIOL 535, BIOL 562, and BIOL 563.










Code	Title	Hours
<b>Organismal Structure and Diversity Course List</b>		
BIOL 271 & 271L	Plant Biology and Plant Biology Laboratory	4
BIOL 272	Local Flora	4
BIOL 273	Horticulture	4
BIOL 274 & 274L	Plant Diversity and Plant Diversity Laboratory	4
BIOL 277 & 277L	Vertebrate Field Zoology and Vertebrate Field Zoology Laboratory	4
BIOL 278 & 278L	Animal Behavior and Animal Behavior Laboratory	4
BIOL 279 & 279L	Seminar in Organismal Biology and Topics in Organismal Biology Laboratory	3-4
BIOL 422 & BIOL 421L	Microbiology and Microbiology Laboratory with Research	4-5
or BIOL 422 & 422L	Microbiology and Microbiology Laboratory	
BIOL 441 & 441L	Vertebrate Embryology and Vertebrate Embryology Laboratory	4
BIOL 451 & 451L	Comparative Physiology and Comparative Physiology Laboratory	4

BIOL 471 & 471L	Evolutionary Mechanisms and Evolutionary Mechanisms Laboratory	4	ENEC 410	Earth Processes in Environmental Systems	4
BIOL 473 & 473L	Mammalian Morphology and Development and Mammalian Morphology Laboratory	4	ENEC 411	Oceanic Processes in Environmental Systems	4
BIOL 474 & 474L	Evolution of Vertebrate Life and Vertebrate Structure and Evolution Laboratory H	4	ENEC 415	Environmental Systems Modeling	3
BIOL 475 & 475L	Biology of Marine Animals and Biology of Marine Animals Laboratory	4	ENEC 471	Human Impacts on Estuarine Ecosystems	4
BIOL 476 & 476L	Avian Biology and Avian Biology Laboratory	4	ENEC 489	Ecological Processes in Environmental Systems	4
BIOL 479 & 479L	Topics in Organismal Biology at an Advanced Level and Laboratory in Organismal Biology: Advanced Topics	4	EPID 600	Principles of Epidemiology for Public Health	3
BIOL 579	Organismal Structure and Diversity in the Southern Appalachian Mountains	4	EXSS 175	 Human Anatomy F	3
			EXSS 276	Human Physiology	3
			GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems H	3
			GEOG 111	 Weather and Climate	3
			GEOG 212	 Environmental Conservation and Global Change	3
			GEOG 222	Health and Medical Geography	3
			GEOG 253	Introduction to Atmospheric Processes	4
			GEOL ---	Any GEOL course above 100	3
			MASC ---	Any MASC course above 100	3
			MATH ---	Any MATH course above 110, except MATH 129P	3
			MCRO 251	Introductory Medical Microbiology	4
			NSCI 175	 Introduction to Neuroscience	3
			NSCI 222	Learning H	3
			NSCI 225	Sensation and Perception H	3
			NUTR 240	Introduction to Human Nutrition	3
			PHIL 155	 Truth and Proof: Introduction to Mathematical Logic H	3
			PHYS ---	Any PHYS course above 99, except PHYS 132	
			PSYC 101	 General Psychology F	3
			PSYC 210	 Statistical Principles of Psychological Research H	3
			PSYC 220	Biopsychology H	3
			PSYC 230	Cognitive Psychology H	3
			STOR 120	 Foundations of Statistics and Data Science F	4
			STOR ---	Any STOR course above 151	3
			SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Allied Science Electives

All allied science elective courses need to have a minimum of three credit hours.

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	 Human Origins	3
ANTH 298	 Biological Anthropology Theory and Practice	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 318	 Human Growth and Development	3
ANTH 412	Paleoanthropology	3
ANTH 414	 Laboratory Methods: Human Osteology	3
ANTH 415	 Laboratory Methods: Zooarchaeology	3
ANTH 416	 Bioarchaeology	3
ANTH 470	Medicine and Anthropology	3
ANTH 623	Human Disease Ecology	3
ASTR ---	Any ASTR course above 99	3
BIOC 107	Introduction to Biochemistry	4
BIOC 108	Introduction to Biochemistry	4
BIOL ---	Any BIOL course above 101, except BIOL 213, BIOL 291, BIOL 292, BIOL 294, BIOL 295, BIOL 296, and BIOL 495	3
BIOS ---	Any BIOS course	3
BMME 335	Biomaterials	3
CHEM ---	Any CHEM course above 101	3
COMP ---	Any COMP course above 100, except COMP 380	3
EMES ---	Any EMES course above 100	3
ENEC 202	 Introduction to the Environmental Sciences	4
ENEC 256	Mountain Biodiversity	4
ENEC 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 403	Environmental Chemistry Processes	3
ENEC 406	Atmospheric Processes II	4

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students

entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Suggested Program of Study for B.S. Majors

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
BIOL 101  Principles of Biology & 101L  and  Introductory Biology Laboratory <sup>H, F</sup>	4
CHEM 101  General Descriptive Chemistry I & 101L  and  Quantitative Chemistry Laboratory I <sup>F</sup>	4
A fundamentals course BIOL 103 or BIOL 104	3
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup>	4
<b>Additional Courses</b>	
Gen Ed course	3
<b>Hours</b>	<b>29</b>
<b>Sophomore Year</b>	
The remaining Fundamentals course BIOL 103 or 104	3
BIOL 105L  Biological Research Skills	1
Two core BIOL courses	6
CHEM 102  General Descriptive Chemistry II & 102L  and  Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
CHEM 261  Introduction to Organic Chemistry I <sup>H</sup>	3
Plus a second course in mathematics, computer science, or statistics/operations research.	3-4
Lifetime Fitness	1
Gen Ed and elective courses	9
<b>Hours</b>	<b>30</b>
<b>Junior Year</b>	
PHYS 114  General Physics I: For Students of the Life Sciences <sup>F</sup>	4
PHYS 115  General Physics II: For Students of the Life Sciences (or another STEM option) <sup>F</sup>	4
Biology electives (two courses, one with lab)	7
Gen Ed and elective courses	16
<b>Hours</b>	<b>31</b>
<b>Senior Year</b>	
Biology electives (two courses with labs)	8
Allied sciences electives (two courses)	6

Note: Students who want to pursue research in molecular or cellular biology are highly encouraged to add CHEM 262 and then CHEM 430 (as one of their biology electives). Students who want to pursue a pre-medical or pre-dentistry path are highly encouraged to add CHEM 262 and then CHEM 430 (as one of their biology electives), as well as CHEM 241/L and CHEM 262L.

Free electives as needed to complete 120 academic hours	16
<b>Hours</b>	<b>30</b>
<b>Total Hours</b>	<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Biology Major, NUS Joint Degree

Biology B.S. majors may wish to consider applying for the Joint Degree Program, an innovative joint undergraduate degree program between the University of North Carolina at Chapel Hill and the National University of Singapore. UNC–Chapel Hill undergraduates spend anywhere from two to four semesters at the National University of Singapore and receive a joint bachelor of science degree from both institutions. For further information, contact the Study Abroad Office.

## Special Opportunities in Biology

Students are encouraged to speak with their advisor about opportunities to serve as peer advisors in the Health Professions Advising Office, or to join Tri-Beta, the National Biological Sciences Honor Society.

## Honors in Biology

Candidates for honors or highest honors must secure approval from the departmental honors advisor. They must have three hours of BIOL 395, take BIOL 692H, and maintain a grade point average of 3.3, both overall and in biology courses (exclusive of BIOL 692H and including only one semester of BIOL 395), calculated at the end of the semester preceding the semester in which they graduate. Other requirements are detailed on the department website (<http://bio.unc.edu/undergraduate/honors-info/>).

## High-Impact/Experiential Education

After completing BIOL 201 or BIOL 202 (or a 200-level core course under the new curriculum), students are encouraged to pursue high-impact/experiential education opportunities. The department offers several courses that meet the High-Impact/Experiential Education requirement and the Research and Discovery requirement from the General Education curriculum.

## Laboratory Teaching Apprenticeships and Assistantships

Opportunities exist to assist graduate instructors in lecture or undergraduate laboratory courses. Interested students should contact the instructor of the course, and will need to submit a form to obtain approval from the departmental director of undergraduate studies.

## Undergraduate Awards

All awards include a personal plaque, a monetary gift, and a place on Coker Hall's list of department honorees. The awards include

- The Stephen G. Brantley Award in honor of Henry Van Peters Wilson, given annually to a senior biology major for excellence in research in molecular and cellular biology.
- The Robert Ervin Coker Award, given annually to a senior biology major for excellence in research in organismal biology and ecology.
- The John N. Couch Award, given annually to a senior biology major with interests in plant biology who has demonstrated the highest ideals of scholarship and research.
- The Irvine R. Hagadorn Award, given annually to the junior biology major based on academic and research excellence. This award is also recognized by the UNC–Chapel Hill chancellor at the Annual Chancellor's Awards Ceremony.
- The Francis J. LeClair Award, given annually to a senior biology major for academic excellence in biology with an emphasis in plant sciences.

## Undergraduate Research

An undergraduate research experience can be extremely valuable to explore career choices and to prepare for postgraduate work in the biological sciences. Undergraduates may take a CURE course, and/or participate directly in the research of faculty in the Department of Biology or other departments (with Biology sponsorship). This research opportunity allows students to put their knowledge of biology into practice through participation in cutting-edge research. Students' participation in research can begin as early as their second year by registration in BIOL 395.

Undergraduates with a 2.0 grade point average or higher in biology courses are encouraged to enroll in BIOL 395. Information concerning the procedure for enrolling in a research course can be obtained from the chair of the department's undergraduate honors research program. Additional information can be found on the department's website (<http://bio.unc.edu/undergraduate/research/>).

## Department Programs

### Majors

- Biology Major, B.S. (p. 236)
- Biology Major, B.S.–Quantitative Biology Track (p. 240)
- Biology Major, B.A. (p. 245)

### Minor

- Biology Minor (p. 249)

### Graduate Programs

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)

## Contact Information

Department of Biology

Visit Program Website (<http://bio.unc.edu>)  
Coker Hall, 120 South Road, CB# 3280  
(919) 962-3390

### Chair

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### Assistant for Undergraduate Services

Summer Montgomery  
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## Biology Major, B.S.–Quantitative Biology Track

Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem.

This program is designed for students with a strong interest in a multidisciplinary approach that incorporates computational approaches to study biological problems, in preparation for graduate study in biological or health sciences.

## Student Learning Outcomes

Upon completion of the biology (B.A., B.S.) program, students should be able to:

- Knowledge Base: Demonstrate knowledge of major concepts, theoretical perspectives, empirical findings, and historical trends in the broad field of Biology
- Research Methods: Apply basic research methods in the biological sciences, including research design, data analysis, and data interpretation
- Critical Thinking Skills: Demonstrate the use of critical and creative thinking skills in upper-level biology courses and in their approach to undergraduate research
- Application of Knowledge, Research Methods, and Critical Thinking: Apply knowledge of the field of biology, research skills, and critical thinking skills to undertake a course-based, field, or laboratory research project







## Requirements

In addition to the program requirements, students must



















- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>1, H, F</sup>	4
<b>Core Requirements</b>		
<b>Fundamentals courses</b>		
BIOL 103	 How Cells Function <sup>2, F</sup>	3
BIOL 104	 Biodiversity <sup>2, F</sup>	3
BIOL 105L	Biological Research Skills	1
<b>Intermediate Level Core Courses</b>		
One of the following five options: <sup>3</sup>		4
BIOL 220	 Molecular Genetics <sup>H</sup>	
BIOL 240	Cell Biology <sup>H</sup>	
BIOL 250	Evolutionary Biology	
BIOL 260	Introduction to Ecology	
An organismal diversity course (see list below)		
Two laboratory courses, one of which must be a quantitative biology lab course <sup>4</sup>		8
A choice of three biology electives (each of three or more credits, not including BIOL 213, BIOL 222, BIOL 253, BIOL 291, BIOL 292, BIOL 293, BIOL 294, BIOL 295, BIOL 296, BIOL 353, a second semester of BIOL 395, and BIOL 495), of which at least two quantitative electives must be chosen from: <sup>5</sup>		9-12
BIOL 214H	Mathematics of Evolutionary Processes	
BIOL 224H	The Mathematics of Life <sup>5</sup>	
BIOL 226	Mathematical Methods for Quantitative Biology <sup>5</sup>	
BIOL 431	Biological Physics	
BIOL 451	Comparative Physiology	
BIOL 454	Evolutionary Genetics	
BIOL 465	Global Biodiversity and Macroecology	
BIOL 525	Analysis and Interpretation of Sequence-Based Functional Genomics Experiments <sup>5</sup>	
BIOL 526	Computational Genetics <sup>5, H</sup>	
BIOL 527	Seminar in Quantitative Biology <sup>5</sup>	
BIOL 528	Quantitative Personalized Genomics <sup>5</sup>	
BIOL 534	Mathematical Modeling in the Life Sciences	
BIOL 542	 Light Microscopy for the Biological Sciences	
BIOL 551	Comparative Biomechanics	
BIOL 553	Mathematical and Computational Models in Biology <sup>5</sup>	
BIOL 554	Introduction to Computational Neuroscience	
BIOL 562	Statistics for Environmental Scientists <sup>5</sup>	

BIOL 563	Statistical Analysis in Ecology and Evolution	
BIOL 642	Advanced Studies of Cell Division <sup>5</sup>	
COMP 555	Bioalgorithms	
MATH 553 & 553L	Mathematical and Computational Models in Biology and Mathematical and Computational Models in Biology Laboratory	
MATH 564	Mathematical Modeling in the Life Sciences	
PHYS 405	Biological Physics	
PHYS 461	Introduction to Medical Physics	

#### Additional Requirements

BIOS 600	Principles of Statistical Inference	3
or STOR 155	 Introduction to Data Models and Inference	
or STOR 151	 Introduction to Data Analysis	
or STOR 120	 Foundations of Statistics and Data Science	
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
Select one of the following:		3
BIOL 222	 Introduction to Programming with Biological Data	
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
COMP 401	Foundation of Programming <sup>H</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	3-4
or MATH 210	 Mathematical Tools for Data Science	
One of the following:		4
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	
One of the following:		4
PHYS 115	 General Physics II: For Students of the Life Sciences <sup>F</sup>	
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	

A choice of two additional allied sciences electives selected from the course list below (some courses are more than 3 credits) <sup>6</sup>

Enough general education and free electives to accumulate 125 academic hours

**Total Hours** **125-126**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> With a C grade or better in BIOL 101





<sup>2</sup> Both BIOL 103 and BIOL 104 need to be completed before taking a 400-level BIOL class in the major.

<sup>3</sup> Core courses taken beyond the required one may be used as electives.

<sup>4</sup> One must be a quantitative laboratory chosen from BIOL 224H/BIOL 224L, BIOL 226/BIOL 226L, BIOL 451/BIOL 451L, BIOL 525/BIOL 525L, BIOL 526, BIOL 527/BIOL 527L, BIOL 528/BIOL 528L, BIOL 553/BIOL 553L, BIOL 562, or BIOL 563. BIOL 395 counts as a laboratory course for students entering in Fall 2022 or later. Other non-Q-Bio laboratory courses include all of the Organismal Structure and Diversity courses listed below, any course with an "L" designation (except BIOL 253/L, which does not count as an elective in the major), and the following courses: BIOL 255H, BIOL 256, BIOL 459, BIOL 461, BIOL 463, BIOL 535, BIOL 562, and BIOL 563.

<sup>5</sup> Quantitative biology laboratory courses can be used as quantitative biology electives if the quantitative biology laboratory course requirement is satisfied by another course. One elective may consist of a total of three hours of BIOL courses numbered above 600 (not including BIOL 692H).

<sup>6</sup> Premedical students are encouraged to take CHEM 241/CHEM 241L and CHEM 262/CHEM 262L.










Code	Title	Hours
<b>Organismal Diversity Course List</b>		
BIOL 271 & 271L	 Plant Biology and  Plant Biology Laboratory	4
BIOL 272	Local Flora	4
BIOL 273	Horticulture	4
BIOL 274 & 274L	 Plant Diversity and  Plant Diversity Laboratory	4
BIOL 277 & 277L	Vertebrate Field Zoology and Vertebrate Field Zoology Laboratory	4
BIOL 278 & 278L	Animal Behavior and Animal Behavior Laboratory	4
BIOL 279 & 279L	Seminar in Organismal Biology and Topics in Organismal Biology Laboratory	3-4
BIOL 422 & BIOL 421L or BIOL 422 & 422L	Microbiology and Microbiology Laboratory with Research Microbiology and Microbiology Laboratory	4-5
BIOL 441 & 441L	Vertebrate Embryology and Vertebrate Embryology Laboratory	4
BIOL 451 & 451L	Comparative Physiology and Comparative Physiology Laboratory	4
BIOL 471 & 471L	Evolutionary Mechanisms and Evolutionary Mechanisms Laboratory	4
BIOL 472	Introduction to Plant Taxonomy	4
BIOL 473 & 473L	Mammalian Morphology and Development and Mammalian Morphology Laboratory	4

BIOL 474 & 474L	Evolution of Vertebrate Life and Vertebrate Structure and Evolution Laboratory H	4
BIOL 475 & 475L	Biology of Marine Animals and Biology of Marine Animals Laboratory	4
BIOL 476 & 476L	Avian Biology and Avian Biology Laboratory	4
BIOL 479 & 479L	Topics in Organismal Biology at an Advanced Level and Laboratory in Organismal Biology: Advanced Topics	4
BIOL 579	Organismal Structure and Diversity in the Southern Appalachian Mountains	4

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Allied Science Electives

All allied science elective courses need to have a minimum of three credit hours.

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	 Human Origins	3
ANTH 298	 Biological Anthropology Theory and Practice	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 318	 Human Growth and Development	3
ANTH 412	Paleoanthropology	3
ANTH 414	 Laboratory Methods: Human Osteology	3
ANTH 415	 Laboratory Methods: Zooarchaeology	3
ANTH 416	 Bioarchaeology	3
ANTH 470	Medicine and Anthropology	3
ANTH 623	Human Disease Ecology	3
ASTR ---	Any ASTR course above 99	3
BIOC 107	Introduction to Biochemistry	4
BIOC 108	Introduction to Biochemistry	4
BIOL ---	Any BIOL course above 101, except BIOL 213, BIOL 291, BIOL 292, BIOL 294, BIOL 295, BIOL 296, and BIOL 495	3
BIOS ---	Any BIOS course	3
BMME 335	Biomaterials	3
CHEM ---	Any CHEM course above 101	3
COMP ---	Any COMP course above 100, except COMP 380	3
EMES ---	Any EMES course above 100	3
ENEC 202	 Introduction to the Environmental Sciences	4
ENEC 256	Mountain Biodiversity	4
ENEC 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 403	Environmental Chemistry Processes	3
ENEC 406	Atmospheric Processes II	4
ENEC 410	Earth Processes in Environmental Systems	4
ENEC 411	Oceanic Processes in Environmental Systems	4
ENEC 415	Environmental Systems Modeling	3

ENEC 471	Human Impacts on Estuarine Ecosystems	4
ENEC 489	Ecological Processes in Environmental Systems	4
EPID 600	Principles of Epidemiology for Public Health	3
EXSS 175	Human Anatomy <sup>F</sup>	3
EXSS 276	Human Physiology	3
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	Weather and Climate	3
GEOG 212	Environmental Conservation and Global Change	3
GEOG 222	Health and Medical Geography	3
GEOG 253	Introduction to Atmospheric Processes	4
GEOL ---	Any GEOL course above 100	3
MASC ---	Any MASC course above 100	3
MATH ---	Any MATH course above 110, except MATH 129P	3
MCRO 251	Introductory Medical Microbiology	4
NSCI 175	Introduction to Neuroscience	3
NSCI 222	Learning <sup>H</sup>	3
NSCI 225	Sensation and Perception <sup>H</sup>	3
NUTR 240	Introduction to Human Nutrition	3
PHIL 155	Truth and Proof: Introduction to Mathematical Logic <sup>H</sup>	3
PHYS ---	Any PHYS course above 99, except PHYS 132	
PSYC 101	General Psychology <sup>F</sup>	3
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	3
PSYC 220	Biopsychology <sup>H</sup>	3
PSYC 230	Cognitive Psychology <sup>H</sup>	3
STOR 120	Foundations of Statistics and Data Science <sup>F</sup>	4
STOR ---	Any STOR course above 151	3
SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Suggested Program of Study for the Quantitative Track

First Year		Hours
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
BIOL 101 & 101L	Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
A fundamentals course BIOL 103 or BIOL 104		3
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
<b>Hours</b>		<b>30</b>
<b>Sophomore Year</b>		
A fundamentals course BIOL 103 or BIOL 104		3
BIOL 105L	Biological Research Skills	1
A core BIOL class		3
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
BIOS 600	Principles of Statistical Inference	3
or STOR 155 or STOR 151 or STOR 120	or  Introduction to Data Models and Inference or  Introduction to Data Analysis or  Foundations of Statistics and Data Science	
MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
Gen Ed and elective courses		12
<b>Hours</b>		<b>33</b>
<b>Junior Year</b>		
Two Biology electives including one quantitative laboratory		7
PHYS 114 or PHYS 118	General Physics I: For Students of the Life Sciences <sup>F</sup> or  Introductory Calculus-based Mechanics and Relativity	4
PHYS 115 or PHYS 119	General Physics II: For Students of the Life Sciences <sup>F</sup> or  Introductory Calculus-based Electromagnetism and Quanta	4
A programming class		3
Gen Ed and elective courses		12
<b>Hours</b>		<b>30</b>

**Senior Year**

Three Biology electives	10-11
Allied sciences electives (CHEM 241/CHEM 241L if premed)	6
Electives to accumulate 125 academic hours	16
<b>Hours</b>	<b>32-33</b>
<b>Total Hours</b>	<b>125-126</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Biology Major, NUS Joint Degree

Biology B.S. majors may wish to consider applying for the Joint Degree Program, an innovative joint undergraduate degree program between the University of North Carolina at Chapel Hill and the National University of Singapore. UNC–Chapel Hill undergraduates spend anywhere from two to four semesters at the National University of Singapore and receive a joint bachelor of science degree from both institutions. For further information, contact the Study Abroad Office.

## Special Opportunities in Biology

Students are encouraged to speak with their advisor about opportunities to serve as peer advisors in the Health Professions Advising Office, or to join Tri-Beta, the National Biological Sciences Honor Society.

### Honors in Biology

Candidates for honors or highest honors must secure approval from the departmental honors advisor. They must have three hours of BIOL 395, take BIOL 692H, and maintain a grade point average of 3.3, both overall and in biology courses (exclusive of BIOL 692H and including only one semester of BIOL 395), calculated at the end of the semester preceding the semester in which they graduate. Other requirements are detailed on the department website (<http://bio.unc.edu/undergraduate/honors-info/>).

### High-Impact/Experiential Education

After completing BIOL 201 or BIOL 202 (or a 200-level core course under the new curriculum), students are encouraged to pursue high-impact/experiential education opportunities. The department offers several courses that meet the High-Impact/Experiential Education requirement and the Research and Discovery requirement from the General Education curriculum.

### Laboratory Teaching Apprenticeships and Assistantships

Opportunities exist to assist graduate instructors in lecture or undergraduate laboratory courses. Interested students should contact the instructor of the course, and will need to submit a form to obtain approval from the departmental director of undergraduate studies.

### Undergraduate Awards

All awards include a personal plaque, a monetary gift, and a place on Coker Hall's list of department honorees. The awards include

- The Stephen G. Brantley Award in honor of Henry Van Peters Wilson, given annually to a senior biology major for excellence in research in molecular and cellular biology.
- The Robert Ervin Coker Award, given annually to a senior biology major for excellence in research in organismal biology and ecology.
- The John N. Couch Award, given annually to a senior biology major with interests in plant biology who has demonstrated the highest ideals of scholarship and research.
- The Irvine R. Hagadorn Award, given annually to the junior biology major based on academic and research excellence. This award is also recognized by the UNC–Chapel Hill chancellor at the Annual Chancellor's Awards Ceremony.
- The Francis J. LeClair Award, given annually to a senior biology major for academic excellence in biology with an emphasis in plant sciences.

## Undergraduate Research

An undergraduate research experience can be extremely valuable to explore career choices and to prepare for postgraduate work in the biological sciences. Undergraduates may take a CURE course, and/or participate directly in the research of faculty in the Department of Biology or other departments (with Biology sponsorship). This research opportunity allows students to put their knowledge of biology into practice through participation in cutting-edge research. Students' participation in research can begin as early as their second year by registration in BIOL 395.

Undergraduates with a 2.0 grade point average or higher in biology courses are encouraged to enroll in BIOL 395. Information concerning the procedure for enrolling in a research course can be obtained from the chair of the department's undergraduate honors research program. Additional information can be found on the department's website (<http://bio.unc.edu/undergraduate/research/>).

## Department Programs

### Majors

- Biology Major, B.S. (p. 236)
- Biology Major, B.S.—Quantitative Biology Track (p. 240)
- Biology Major, B.A. (p. 245)

### Minor

- Biology Minor (p. 249)

### Graduate Programs

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)

## Contact Information

### Department of Biology

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## Biology Major, B.A.

Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem. The major in biology provides a broad education directed toward an appreciation of the complexity of nature and prepares students for careers in the biological, environmental, and medical sciences. This program is designed to provide greater flexibility than the B.S. degree in meeting broad student interests.

## Student Learning Outcomes

Upon completion of the biology (B.A., B.S.) program, students should be able to:

- Knowledge Base: Demonstrate knowledge of major concepts, theoretical perspectives, empirical findings, and historical trends in the broad field of Biology
- Research Methods: Apply basic research methods in the biological sciences, including research design, data analysis, and data interpretation
- Critical Thinking Skills: Demonstrate the use of critical and creative thinking skills in upper-level biology courses and in their approach to undergraduate research
- Application of Knowledge, Research Methods, and Critical Thinking: Apply knowledge of the field of biology, research skills, and critical thinking skills to undertake a course-based, field, or laboratory research project

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill

- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>1, H, F</sup>	4
<b>Core Requirements</b>		
<b>Fundamentals Core Courses</b>		
BIOL 103	How Cells Function <sup>2, F</sup>	3
BIOL 104	Biodiversity <sup>2, F</sup>	3
BIOL 105L	Biological Research Skills	1
<b>Intermediate Level Core Courses</b>		
Two of the following five Core Course options: <sup>3</sup>		6-8
BIOL 220	Molecular Genetics	
BIOL 240	Cell Biology	
BIOL 250	Evolutionary Biology	
BIOL 260	Introduction to Ecology	
An organismal structure and diversity course (see list below)		
Three biology electives (each of three or more credits) numbered above 205 (not including BIOL 213, BIOL 222, BIOL 253, BIOL 291, BIOL 292, BIOL 293, BIOL 294, BIOL 295, BIOL 296, BIOL 353, a second semester of BIOL 395, and BIOL 495). At least two courses in the major must have a laboratory (not including BIOL 101L or BIOL 105L). <sup>4,5</sup>		10-11
<b>Additional Requirements</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>F</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
One of:		3-4
BIOL 222	Introduction to Programming with Biological Data	
COMP 110	Introduction to Programming and Data Science <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
MATH 130	Precalculus Mathematics <sup>F</sup>	
MATH 152	Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	
STOR 120	Foundations of Statistics and Data Science <sup>F</sup>	
STOR 151	Introduction to Data Analysis	
STOR 155	Introduction to Data Models and Inference <sup>F</sup>	
STOR 215	Foundations of Decision Sciences	
Four additional allied science electives chosen from the course list below (some courses are more than 3 credits)		12

Students must fulfill all General Education requirements, including Supplemental General Education, and enough electives to complete 120 hours required for graduation.

**Total Hours** **51**

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.





<sup>1</sup> With a C grade or better in BIOL 101

<sup>2</sup> Both BIOL 103 and BIOL 104 need to be completed before taking a 400-level BIOL class in the major.

<sup>3</sup> Core courses taken beyond the two required ones may be used as electives.

<sup>4</sup> At least one course in the major must be numbered above 400 (not including BIOL 501 and BIOL 692H). One additional elective may consist of a total of three hours of courses numbered above 600 (not including BIOL 692H).

<sup>5</sup> At least two courses in the major must have a laboratory (not including BIOL 101L or BIOL 105L). BIOL 395 counts as a laboratory course for students entering in Fall 2022 or later. Other laboratory courses include all of the Organismal Structure and Diversity courses listed below, any course with an "L" designation (except BIOL 253/L, which does not count as an elective in the major), and the following courses: BIOL 255H, BIOL 256, BIOL 459, BIOL 461, BIOL 463, BIOL 526H, BIOL 535, BIOL 562, and BIOL 563.










Code	Title	Hours
<b>Organismal Structure and Diversity Course List</b>		
BIOL 271 & 271L	 Plant Biology and  Plant Biology Laboratory	4
BIOL 272	Local Flora	4
BIOL 273	Horticulture	4
BIOL 274 & 274L	 Plant Diversity and  Plant Diversity Laboratory	4
BIOL 277 & 277L	Vertebrate Field Zoology and Vertebrate Field Zoology Laboratory	4
BIOL 278 & 278L	Animal Behavior and Animal Behavior Laboratory	4
BIOL 279 & 279L	Seminar in Organismal Biology and Topics in Organismal Biology Laboratory	3-4
BIOL 422 & BIOL 421L or BIOL 422 & 422L	Microbiology and Microbiology Laboratory with Research or Microbiology and Microbiology Laboratory	4-5
BIOL 441 & 441L	Vertebrate Embryology and Vertebrate Embryology Laboratory	4
BIOL 451 & 451L	Comparative Physiology and Comparative Physiology Laboratory	4
BIOL 471 & 471L	Evolutionary Mechanisms and Evolutionary Mechanisms Laboratory	4










BIOL 472	Introduction to Plant Taxonomy	4
BIOL 473 & 473L	Mammalian Morphology and Development and Mammalian Morphology Laboratory	4
BIOL 474 & 474L	Evolution of Vertebrate Life and Vertebrate Structure and Evolution Laboratory H	4
BIOL 475 & 475L	Biology of Marine Animals and Biology of Marine Animals Laboratory	4
BIOL 476 & 476L	Avian Biology and Avian Biology Laboratory	4
BIOL 479 & 479L	Topics in Organismal Biology at an Advanced Level and Laboratory in Organismal Biology: Advanced Topics	4
BIOL 579	Organismal Structure and Diversity in the Southern Appalachian Mountains	4

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Allied Science Electives

All allied science elective courses need to have a minimum of three credit hours.

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	 Human Origins	3
ANTH 298	 Biological Anthropology Theory and Practice	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 318	 Human Growth and Development	3
ANTH 412	Paleoanthropology	3
ANTH 414	 Laboratory Methods: Human Osteology	3
ANTH 415	 Laboratory Methods: Zooarchaeology	3
ANTH 416	 Bioarchaeology	3
ANTH 470	Medicine and Anthropology	3
ANTH 623	Human Disease Ecology	3
ASTR --	Any ASTR course above 99	3
BIOC 107	Introduction to Biochemistry	4
BIOC 108	Introduction to Biochemistry	4
BIOL --	Any BIOL course above 101, except BIOL 213, BIOL 291, BIOL 292, BIOL 294, BIOL 295, BIOL 296, and BIOL 495	3
BIOS --	Any BIOS course	3
BMME 335	Biomaterials	3
CHEM --	Any CHEM course above 101	3
COMP --	Any COMP course above 100, except COMP 380	3
EMES --	Any EMES course above 100	3
ENEC 202	 Introduction to the Environmental Sciences	4
ENEC 256	Mountain Biodiversity	4
ENEC 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 403	Environmental Chemistry Processes	3
ENEC 406	Atmospheric Processes II	4

ENEC 410	Earth Processes in Environmental Systems	4
ENEC 411	Oceanic Processes in Environmental Systems	4
ENEC 415	Environmental Systems Modeling	3
ENEC 471	Human Impacts on Estuarine Ecosystems	4
ENEC 489	Ecological Processes in Environmental Systems	4
EPID 600	Principles of Epidemiology for Public Health	3
EXSS 175	 Human Anatomy <sup>F</sup>	3
EXSS 276	Human Physiology	3
GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	 Weather and Climate	3
GEOG 212	 Environmental Conservation and Global Change	3
GEOG 222	Health and Medical Geography	3
GEOG 253	Introduction to Atmospheric Processes	4
GEOL ---	Any GEOL course above 100	3
MASC ---	Any MASC course above 100	3
MATH ---	Any MATH course above 110, except MATH 129P	3
MCRO 251	Introductory Medical Microbiology	4
NSCI 175	 Introduction to Neuroscience	3
NSCI 222	Learning <sup>H</sup>	3
NSCI 225	Sensation and Perception <sup>H</sup>	3
NUTR 240	Introduction to Human Nutrition	3
PHIL 155	 Truth and Proof: Introduction to Mathematical Logic <sup>H</sup>	3
PHYS ---	Any PHYS course above 99, except PHYS 132	
PSYC 101	 General Psychology <sup>F</sup>	3
PSYC 210	 Statistical Principles of Psychological Research <sup>H</sup>	3
PSYC 220	Biopsychology <sup>H</sup>	3
PSYC 230	Cognitive Psychology <sup>H</sup>	3
STOR 120	 Foundations of Statistics and Data Science <sup>F</sup>	4
STOR ---	Any STOR course above 151	3
SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.















<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students

entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Suggested Program of Study for B.A. Majors

		Hours
<b>First Year</b>		
<b>First-Year Foundation Courses</b>		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
or ENGL 105I	or  English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>F</sup>	4
BIOL 103 or BIOL 104	 How Cells Function <sup>F</sup> or  Biodiversity	3
STOR 120	 Foundations of Statistics and Data Science <sup>F</sup>	4
<b>Additional Courses</b>		
Gen Ed and elective courses		4
<b>Hours</b>		<b>30</b>
<b>Sophomore Year</b>		
BIOL 104 or BIOL 103	 Biodiversity <sup>F</sup> or  How Cells Function	3
BIOL 105L	Biological Research Skills	1
One biology core course (BIOL 220, BIOL 240, BIOL 250, BIOL 260, or Organismal course)		4
CHEM 102 & 102L	 General Descriptive Chemistry II and  Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
Allied science electives (two courses)		6
Lifetime Fitness		1
Gen Ed and elective courses		11
<b>Hours</b>		<b>30</b>
<b>Junior Year</b>		
Second biology core course (BIOL 220, BIOL 240, BIOL 250, BIOL 260, or Organismal course)		3-4
Biology elective (one course)		3-4
Allied science electives (two courses)		6
Gen Ed and elective courses		18
<b>Hours</b>		<b>30</b>
<b>Senior Year</b>		
Biology electives (two courses)		6-7

Supplemental General Education requirement and free electives as needed to complete 120 academic hours and other requirements	24
<b>Hours</b>	<b>30</b>
<b>Total Hours</b>	<b>120</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Special Opportunities in Biology

Students are encouraged to speak with their advisor about opportunities to serve as peer advisors in the Health Professions Advising Office, or to join Tri-Beta, the National Biological Sciences Honor Society.

### Honors in Biology

Candidates for honors or highest honors must secure approval from the departmental honors advisor. They must have three hours of BIOL 395, take BIOL 692H, and maintain a grade point average of 3.3, both overall and in biology courses (exclusive of BIOL 692H and including only one semester of BIOL 395), calculated at the end of the semester preceding the semester in which they graduate. Other requirements are detailed on the department website (<http://bio.unc.edu/undergraduate/honors-info/>).

### High-Impact/Experiential Education

After completing BIOL 201 or BIOL 202 (or a 200-level core course under the new curriculum), students are encouraged to pursue high-impact/experiential education opportunities. The department offers several courses that meet the High-Impact/Experiential Education requirement and the Research and Discovery requirement from the General Education curriculum.

### Laboratory Teaching Apprenticeships and Assistantships

Opportunities exist to assist graduate instructors in lecture or undergraduate laboratory courses. Interested students should contact the instructor of the course, and will need to submit a form to obtain approval from the departmental director of undergraduate studies.

### Undergraduate Awards

All awards include a personal plaque, a monetary gift, and a place on Coker Hall's list of department honorees. The awards include

- The Stephen G. Brantley Award in honor of Henry Van Peters Wilson, given annually to a senior biology major for excellence in research in molecular and cellular biology.
- The Robert Ervin Coker Award, given annually to a senior biology major for excellence in research in organismal biology and ecology.
- The John N. Couch Award, given annually to a senior biology major with interests in plant biology who has demonstrated the highest ideals of scholarship and research.
- The Irvine R. Hagadorn Award, given annually to the junior biology major based on academic and research excellence. This award is

also recognized by the UNC–Chapel Hill chancellor at the Annual Chancellor's Awards Ceremony.

- The Francis J. LeClair Award, given annually to a senior biology major for academic excellence in biology with an emphasis in plant sciences.

## Undergraduate Research

An undergraduate research experience can be extremely valuable to explore career choices and to prepare for postgraduate work in the biological sciences. Undergraduates may take a CURE course, and/or participate directly in the research of faculty in the Department of Biology or other departments (with Biology sponsorship). This research opportunity allows students to put their knowledge of biology into practice through participation in cutting-edge research. Students' participation in research can begin as early as their second year by registration in BIOL 395.

Undergraduates with a 2.0 grade point average or higher in biology courses are encouraged to enroll in BIOL 395. Information concerning the procedure for enrolling in a research course can be obtained from the chair of the department's undergraduate honors research program. Additional information can be found on the department's website (<http://bio.unc.edu/undergraduate/research/>).

## Department Programs

### Majors

- Biology Major, B.S. (p. 236)
- Biology Major, B.S. –Quantitative Biology Track (p. 240)
- Biology Major, B.A. (p. 245)

### Minor

- Biology Minor (p. 249)

### Graduate Programs

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)

## Contact Information

### Department of Biology

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## Biology Minor

Biology is the study of life from both basic and applied perspectives across a broad range of analytical levels, from the molecule and cell to the organism and ecosystem.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

A student may minor in biology by taking four biology courses beyond BIOL 101/BIOL 101L.

Code	Title	Hours
<b>Core Requirements</b>		
BIOL 103 or BIOL 104	How Cells Function <sup>F</sup> Biodiversity	3
One of the following five core course options:		3-4
BIOL 220	Molecular Genetics	
BIOL 240	Cell Biology	
BIOL 250	Evolutionary Biology	
BIOL 260	Introduction to Ecology	
An organismal structure and diversity course with lab (see list below)		
One course with a laboratory <sup>1</sup>		4
One course numbered above 400		3-4
<b>Total Hours</b>		<b>13-15</b>

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> BIOL 395 counts as a laboratory course for students entering in Fall 2022 or later. Other laboratory courses include all of the Organismal Structure and Diversity courses listed below, any course with an "L" designation (except BIOL 253/L, which does not count as an elective in the major), and the following courses: BIOL 255H, BIOL 256, BIOL 459, BIOL 461, BIOL 463, BIOL 526H, BIOL 535, BIOL 562, and BIOL 563.

Code	Title	Hours
<b>Organismal Structure and Diversity Course List</b>		
BIOL 271 & 271L	Plant Biology and Plant Biology Laboratory	4
BIOL 272	Local Flora	4
BIOL 273	Horticulture	4
BIOL 274 & 274L	Plant Diversity and Plant Diversity Laboratory	4
BIOL 277 & 277L	Vertebrate Field Zoology and Vertebrate Field Zoology Laboratory	4
BIOL 278 & 278L	Animal Behavior and Animal Behavior Laboratory	4
BIOL 279 & 279L	Seminar in Organismal Biology and Topics in Organismal Biology Laboratory	3-4
BIOL 422 & BIOL 421L or BIOL 422 & 422L	Microbiology and Microbiology Laboratory with Research Microbiology and Microbiology Laboratory	4-5
BIOL 441 & 441L	Vertebrate Embryology and Vertebrate Embryology Laboratory	4
BIOL 451 & 451L	Comparative Physiology and Comparative Physiology Laboratory	4
BIOL 471 & 471L	Evolutionary Mechanisms and Evolutionary Mechanisms Laboratory	4
BIOL 472	Introduction to Plant Taxonomy	4
BIOL 473 & 473L	Mammalian Morphology and Development and Mammalian Morphology Laboratory	4
BIOL 474 & 474L	Evolution of Vertebrate Life and Vertebrate Structure and Evolution Laboratory H	4
BIOL 475 & 475L	Biology of Marine Animals and Biology of Marine Animals Laboratory	4
BIOL 476 & 476L	Avian Biology and Avian Biology Laboratory	4
BIOL 479 & 479L	Topics in Organismal Biology at an Advanced Level and Laboratory in Organismal Biology: Advanced Topics	4
BIOL 579	Organismal Structure and Diversity in the Southern Appalachian Mountains	4

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Biology (BIOL) course descriptions (p. 216).

See program page here (p. 248) for special opportunities.

## Department Programs

### Majors

- Biology Major, B.S. (p. 236)
- Biology Major, B.S.–Quantitative Biology Track (p. 240)
- Biology Major, B.A. (p. 245)

### Minor

- Biology Minor (p. 249)

### Graduate Programs

- M.A. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- M.S. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)
- Ph.D. in Biology (<http://catalog.unc.edu/graduate/schools-departments/biology/>)

## Contact Information

### Department of Biology

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# Department of Biomedical Engineering

## Introduction

The joint Department of Biomedical Engineering (BME) is a department of both the University of North Carolina at Chapel Hill (UNC–Chapel Hill) and North Carolina State University (NC State). The department oversees a joint graduate and undergraduate program at these institutions. While a complete curriculum is offered on the UNC–Chapel Hill campus, students can elect to take any number of classes at NC State. The joint program also leverages the industry resources in Research Triangle Park, located roughly half way between the two campuses, providing unique opportunities for students.

Biomedical engineering is a profession that develops and applies engineering knowledge and experience to solve problems in biology and medicine and to enhance health care. Biomedical engineers are professionally trained to combine the rigors of medical and biological studies with the power of engineering analysis and design. People become biomedical engineers to be of service to others, to enjoy the

excitement of understanding living systems, and to use state-of-the-art science and technology to solve the complex problems of medical care. The emphasis in biomedical engineering is on finding solutions by researching, testing, and applying medical, biological, chemical, electrical, and materials engineering approaches. Biomedical engineers are unique individuals who make contributions to health care that are both satisfying to themselves and beneficial to others.

## Facilities

The Department of Biomedical Engineering houses undergraduate teaching laboratories in Phillips Hall and design laboratories in Mary Ellen Jones. These laboratories house a variety of mechanical and electronic fabrication tools as well as laboratories dedicated to cell culture and microbiology. The BeAM Makerspace facilities are available to all UNC students, and these facilities house a variety of mechanical and electronic fabrication tools. More information is available at the UNC BeAM website (<https://beam.unc.edu/>).

## Graduate School and Career Opportunities

Many students from this program have pursued further education in graduate school in biomedical engineering. Our alumni have attended many of the top-ranked biomedical engineering programs. In addition, some students have pursued graduate degrees in other disciplines in engineering, as well as related fields such as microbiology, sports physiology, public health, and business/engineering management, among others. Students have also been accepted into clinical programs such as medical, dental, physical therapy, and pharmacy schools (in many cases, the student must take several additional courses to meet the requirements for clinical programs).

For those interested in going directly into a career, biomedical engineering is one of the fastest growing career opportunities. Graduates are employed by hospitals, pharmaceutical companies, medical device and testing companies, government agencies, universities, and medical schools.

### Major

- Biomedical Engineering Major, B.S. (p. 256)

### Graduate Programs

- M.S. in Biomedical Engineering (<http://catalog.unc.edu/graduate/schools-departments/biomedical-engineering/>)
- Ph.D. in Biomedical Engineering (<http://catalog.unc.edu/graduate/schools-departments/biomedical-engineering/>)

## Professors

Lianne Cartee, Ke Cheng, Paul Dayton, M. Gregory Forest, Caterina Gallippi, Shawn Gomez, Edward Grant, Helen Huang, Leaf Huang, Michael Jay, Weili Lin, H. Troy Nagle, Roger Narayan, J. Michael Ramsey, Koji Sode, George Stouffer.

## Associate Professors

Ashley Brown, Jacqueline Cole, Michael Daniele, Bob Dennis, Kenneth Donnelly, Oleg Favorov, Matthew Fisher, Jason Franz, Donald Freytes, Michael Gamcsik, David Hill, Xiaogang Hu, Devin Hubbard, Naji Husseini, Derek Kamper, David Lalush, Jeffrey Macdonald, Scott Magness, Gianmarco Pinton, Nitin Sharma, Mark Tommerdahl, Anka Veleva, Bruce Wiggin, David Zaharoff.

## Assistant Professors

Amy Adkins, Pritha Agarwalla, Wen Yih Aw, Rahima Benhabbour, Yevgeny Brudno, Joseph Burclaff, Melissa Caughey, Silvia Ceballos, Brian Diekman, Alon Greenbaum, Kennita Johnson, Jinwood Kim, Wesley Legant, Ming Liu, Virginie Papadopoulou, Ross Petrella, William Polacheck, Imran Rizvi, Michael Sano, Francisco Santibanez, James Tsuruta.


## Professors Emeriti

Frank Abrams, Albert Banes, Carol Lucas.


## Professor of the Practice

Matthew Penny.

## BMME—Biomedical Engineering Undergraduate-level Courses

 **BMME 89. First Year Seminar: Special Topics. 3 Credits.**  
Special topics course. Content will vary each semester.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

**BMME 150. Introduction to Materials Science. 3 Credits.**

Focus on the materials science and processing of electronic, metallic, polymeric, ceramic, and composite materials. The electronic, optical, magnetic, and structural properties of materials are related to their applications. Majors only.

### Rules & Requirements

**Requisites:** Prerequisites, CHEM 102; co-requisites, MATH 383 and PHYS 117 or 119.

**Grading Status:** Letter grade.

**BMME 160. Statics. 3 Credits.**

Course restricted to admitted majors only. Course covers rigid body mechanics of bodies at equilibrium or at rest (statics), and an introduction to rigid body mechanics of bodies in motion (dynamics). A foundation in engineering concepts and practices required to design and analyze many types of structural members is presented. Provides a foundation for more advanced courses.

### Rules & Requirements

**Requisites:** Prerequisites, MATH 232, and PHYS 116 or 118.

**Grading Status:** Letter grade.

**BMME 190. Special Topics in Biomedical Engineering. 1-3 Credits.**

A study in the special fields under the direction of the faculty. Offered as needed for presenting material not normally available in regular BMME courses. Honors version available.

### Rules & Requirements

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**BMME 201. Computer Methods in Biomedical Engineering. 3 Credits.**

This course introduces students to problem-solving techniques using the MATLAB programming language. Fundamental computer science basics are taught as they relate to problems encountered in biomedical engineering and other scientific disciplines. Programming activities will incorporate actual data (e.g., stress/strain data and microscopy images) for relevant, real-world examples. Course restricted to admitted majors only.

### Rules & Requirements

**Grading Status:** Letter grade.

**BMME 205. Biomedical Mechanics. 4 Credits.**

Study of the state of rest or motion of bodies subjected to the action of forces. Properties of force systems, free body diagrams, concepts of equilibrium, kinematics of particles, Newton's laws, conservational principles of energy of momentum in mechanics, mechanical vibrations, and their applications in biomedical systems. Biomedical Engineering majors only.

### Rules & Requirements

**Grading Status:** Letter grade.

**BMME 207. Biomedical Electronics. 4 Credits.**

Fundamentals of analog and digital circuit analysis and design as applied to biomedical instrumentation and measurement of biological potentials. Passive circuit components, node and mesh analysis, transient behavior, operational amplifiers, frequency response, analog filter design, diode, transistors, biological signal acquisition, binary math and logical operators, digital circuit design, circuit simulation tools and techniques. Laboratory exercises supplement the topics presented in class lectures. Previously offered as BMME 350. Majors only.

### Rules & Requirements

**Requisites:** Prerequisite, PHYS 117 or 119.

**Grading Status:** Letter grade.

**BMME 209. Materials Science of Biomaterials. 4 Credits.**

Focus on the materials science and processing of electronic, metallic, polymeric, ceramic, and composite materials. The electronic, optical, magnetic, and structural properties of materials are related to their applications. Lab component focused on integrating biological engineering and materials engineering principles by exploring key topics in materials science. Topics include biomaterial fabrication, evaluation of their physical properties and interpretation of results. Majors only.

### Rules & Requirements

**Requisites:** Pre- or Corequisite, PHYS 117 or 119.

**Grading Status:** Letter grade.

**BMME 215L. Biomedical Mechanics Lab. 1 Credits.**

Statics and dynamics subjects will be studied with experimental techniques, including strain gauges and accelerometers, and computational methods, including finite-element analysis and motion capture.

### Rules & Requirements

**Requisites:** Prerequisite, BMME 160.

**Grading Status:** Letter grade.

**BMME 217L. Biomedical Electronics Laboratory. 1 Credits.**

This laboratory course is a corequisite to BMME 207 and complements it with relevant labs and examples. Laboratory in analog and digital circuit analysis. Electrical safety, exercises in resistor networks, capacitors and inductors, steady-state and dynamic circuit behavior, active circuits, amplifiers, logic gates, combinatorial and sequential circuits, elementary digital system design, A/D conversion, and biomedical applications. Biomedical and health sciences engineering majors only.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 117 or 119.

**Grading Status:** Letter grade.


**BMME 219L. Materials Science of Biomaterials Lab. 1 Credits.**

Introductory laboratory experience focused on integrating biological engineering and materials engineering principles by exploring key topics in materials science. Topics include biomaterial fabrication, evaluation of their physical properties and interpretation of results.

**Rules & Requirements**

**Requisites:** Prerequisite, BMME 150.

**Grading Status:** Letter grade.

 **BMME 295. Research in Biomedical Engineering for Undergraduates. 1-3 Credits.**

Permission of the director of undergraduate studies. At least three hours per credit hour of independent work a week. Research with a faculty mentor. Approved learning contract required. Research proposal and final research paper also required. Previously offered as BMME 395.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**BMME 298. Biomedical Engineering Design and Manufacturing I. 2 Credits.**

This is the first in a series of four courses in biomedical design. The course introduces the tools and problem-solving skills required in the field of biomedical engineering. Majors only.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BMME 301. Human Physiology : Electrical Analysis. 4 Credits.**

This course includes an electrical analysis approach to human physiology from the biomedical engineering perspective with an emphasis on neural, sensory, and cardiac physiology. Autonomic and somatic motor control will be discussed. Engineering applications, including neural stimulator, functional imaging, cochlear implants, artificial noses, vestibular implants, visual implants, artificial larynges, pacemakers and defibrillators will be discussed. Assignments include computer-based exercises using MATLAB. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 101L, (BMME 207 or BMME 350), (BMME 201 or COMP 116).

**Grading Status:** Letter grade.

**BMME 302. Human Physiology: Mechanical Analysis. 4 Credits.**

Explores a quantitative approach to human physiology from the biomedical engineering perspective with an emphasis on systems physiology described using mechanical properties. Topics include the physiological and mechanical behavior of the blood vessels, lungs, kidney, and muscles. In lab exercises, students investigate mechanical properties of fluids, electrolyte exchange in dialysis, spirometry, and blood pressure measurement among other topics. Culminates with the design of a novel laboratory experiment.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101, BMME 160 or BMME 205, and BMME 150 or BMME 209.

**Grading Status:** Letter grade.

**BMME 315. Biotransport. 3 Credits.**

This course serves as introduction for engineers pursuing transport phenomena and for future pharmaco-engineers requiring predictive models of mass transfer or pharmacodynamic models. Material is designed to address heat and mass transfer issues in nanotechnology, microfabrication, mems, cell therapies, bioartificial organs, as well as pharmacodynamic modeling of dynamic "omics" datasets. Previously offered as BMME 475. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 201, or COMP 116, and MATH 383.

**Grading Status:** Letter grade.

**BMME 325. Biochemistry for Biomedical Engineers. 3 Credits.**

An overview of how alterations in bioenergetics, enzyme catalysis, protein and membrane structure, carbohydrate, lipid and nucleic acid metabolism affect human health. Topics include: biological thermodynamics, energy of macromolecular structure and binding, structure/function of proteins, enzymes and nucleic acids, kinetics, enzyme catalysis and biochemical network analysis, generation of chemical and electrical potential in membranes, carbohydrate/lipid/protein metabolism and energy production, DNA synthesis, transcription, and the technologies used to monitor/detect biochemical processes.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 261, and BMME 150, or BMME 209.

**Grading Status:** Letter grade.

**BMME 335. Biomaterials. 3 Credits.**

Focus on the mechanical, chemical, and biocompatibility considerations of any material (e.g., metal, ceramic, or polymer) designed to interface with the body. Various applications of biomaterials are presented and analyzed, including femoral implants and vascular grafts, in order to guide students in a semester-long design project. Previously offered as BMME 510. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101 and BMME 209 or BMME 150.

**Grading Status:** Letter grade.

**BMME 345. Biomedical Solid Mechanics. 3 Credits.**

This course covers topics ranging from multi-body systems to stress superposition to failure criteria to prepare students for the more advanced subjects of biomechanics and rehabilitation engineering. Topics include free-body diagrams, multibody statics and dynamics, linkage kinematics and kinetics, anthropometric kinematics, stress/strain/torsion, beam bending, stress superposition, constitutive relationship, strain gauges, finite-element analysis, failure analysis, and failure mechanisms. Restricted to Biomedical Engineering Majors.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 160, 205, or 215L, and BMME 150, 209 or 219L, and BMME 201 or COMP 116.

**Grading Status:** Letter grade.

**BMME 355. Biocontrols. 3 Credits.**

Quantitative analysis of dynamic and feedback control systems, including modeling of physiological systems and physiological control systems, system time and frequency responses, control characteristics, and stability analysis. Design techniques for feedback systems in biomedical applications. Majors only.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, BMME 365.

**Grading Status:** Letter grade.

**BMME 365. Systems and Signals. 3 Credits.**

Analysis of linear systems by transform methods to networks, including Fourier transforms, Laplace transforms, and convolution. Survey of linear systems applications to biomedical problems. Previously offered as BMME 410. Majors only.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, MATH 383.

**Grading Status:** Letter grade.

**BMME 375. Biomedical Microcontroller Applications. 3 Credits.**

Introduction to digital computers for real-time processing and control of signals and systems. Programming input and output devices using C and assembly language is stressed. Case studies are used to present software design strategies for real-time laboratory systems. Previously offered as BMME 580. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisite, BMME 201 or COMP 116; Pre- or corequisite, BMME 385.

**Grading Status:** Letter grade.

**BMME 385. Bioinstrumentation. 3 Credits.**

Fundamentals of biomedical instrument design and implementation. Topics include basic electronic circuit design, analysis of medical instrumentation circuits, analog-to-digital signal conversion, biosignal capture and storage, embedded microprocessors, system integration, and prototyping. This course is a lecture course with a project component. Previously offered as BMME 465. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 207 or BMME 217L, and BMME 201 or COMP 116.

**Grading Status:** Letter grade.

**BMME 386. Biomedical Instrumentation Design and Prototyping I. 1 Credits.**

Students will learn advanced topics in concept development, detailed design, fabrication, assembly, testing, deployment, and incorporation of user feedback in the design and fabrication of components and systems for research and technology development in biomedical engineering. Students will interact with faculty with many decades of research and commercial design experience to develop and deploy design solutions for BME laboratories and technology spin-outs. This course is the first in a series of two courses. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 385 and permission of instructor.

**Grading Status:** Letter grade.

**BMME 396. Independent Study in Biomedical Engineering. 1-3 Credits.**

Permission of the director of undergraduate studies. Independent study under a member of the biomedical engineering faculty. Approved learning contract required.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **BMME 398. Biomedical Engineering Design and Manufacturing II. 2 Credits.**

In this course, you will learn the validation and verification stages of the design process as applied to the development of new medical devices. This course is the second part of a 3 year sequence in which you will learn the process of biomedical engineering design along with technical skills that will allow you to develop new devices to solve unmet medical needs. Previously offered as BMME 310. Majors only. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, BMME 298.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****BMME 405. Biomechanics of Movement. 3 Credits.**

This course provides an overview of musculoskeletal anatomy, and of the mechanical behavior of biological tissues and biological systems. Students learn to apply fundamental principles of mechanics to analyze movement in humans and other animals. Applications in rehabilitation and orthopedics are emphasized.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 160, or 205, and MATH 383.

**Grading Status:** Letter grade.

**BMME 420. Introduction to Synthetic Biology. 3 Credits.**

This course provides an introduction to the ideas and methodologies in the field of synthetic biology. Lectures focus on fundamental concepts in molecular biology and engineering as applied to biological system design. The laboratory portion of the course provides hands-on application of fundamental techniques in synthetic biology research. Majors only.

**Rules & Requirements**

**Requisites:** Pre- or corequisites, BMME 325 or CHEM 430; and BMME 335.

**Grading Status:** Letter grade.

**BMME 435. Biological Physics. 3 Credits.**

How diffusion, entropy, electrostatics, and hydrophobicity generate order and force in biology. Topics include DNA manipulation, intracellular transport, cell division, molecular motors, single molecule biophysics techniques, nerve impulses, neuroscience.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 116 and 117, or PHYS 118 and 119.

**Grading Status:** Letter grade.

**Same as:** PHYS 405, BIOL 431.

**BMME 441. Thermal Physics. 3 Credits.**

Equilibrium statistical mechanics; the laws of thermodynamics, internal energy, enthalpy, entropy, thermodynamic potentials, Maxwell's relations.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 233, and PHYS 117 or 119; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** PHYS 441.

**BMME 445. Systems Neuroscience. 3 Credits.**

Introduction to methodologies used to characterize a) the aggregate behavior of living neural networks and b) the changes in that behavior that occur as a function of stimulus properties, pharmacological manipulations, and other factors that dynamically modify the functional status of the network.

**Rules & Requirements**

**Requisites:** Prerequisite, BMME 351 or BMME 301 or BIOL 252.

**Grading Status:** Letter grade.

**BMME 447. Neural Basis of Rehabilitation Engineering. 3 Credits.**

The course will 1) introduce basic neuroscience topics underlying sensorimotor control, and 2) introduce different types of childhood and adult neuromuscular disorders with both central and peripheral origins. The main focus of the class will be on the different techniques used for diagnosis, assessment, and rehabilitation interventions.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 301 and BMME 345.

**Grading Status:** Letter grade.

**BMME 455. Biofluid Mechanics. 3 Credits.**

This course introduces students to basics of fluid mechanics (steady and pulsatile flows, laminar and turbulent flows, and Newtonian and non-Newtonian flows). Students learn the fundamental relationships and governing equations describing these types of flows and the basic physiology of certain systems that are highly associated with fluid flows.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 315 and one of BMME 205 or BMME 160.

**Grading Status:** Letter grade.

**BMME 461. Introduction to Medical Imaging. 3 Credits.**

This class covers the underlying concepts and instrumentation of modern medical imaging modalities. Review of applicable linear systems theory and relevant principles of physics. Modalities covered include X-ray radiography (conventional film-screen imaging and modern electronic imaging), computerized tomography (including the theory of reconstruction), magnetic resonance imaging, SPECT/PET, and ultrasound imaging.

**Rules & Requirements**

**Requisites:** Prerequisite, BMME 365.

**Grading Status:** Letter grade.

**BMME 470. Analysis of Tissue Engineering Technologies. 3 Credits.**

Lectures in this course address how to quantitatively evaluate functional engineered tissues. The course provides an overview of the field, with emphasis on detailed evaluation of scientific and commercial progress over time, and design principles that must be met to develop a process or fabricate a functional tissue-engineered part.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 335 or BMME 351, and BMME 302 or BIOL 252.

**Grading Status:** Letter grade.

**BMME 485. Biotechnology. 3 Credits.**

This course is designed to prepare a biomedical engineering student with the survey tools to understand key components in modern biotechnologies. Fundamental concepts, theory, design, operation, and analysis of the most common biotechnologies in bioengineering will be presented.

**Rules & Requirements**

**Requisites:** Prerequisite, BMME 325.

**Grading Status:** Letter grade.

**BMME 486. Biomedical Instrumentation Design and Prototyping II. 2 Credits.**

Students will build upon skills learned in BMME 386 and assume project leadership roles as well as team management roles for more complex projects involving design, fabrication, assembly, testing, deployment, and incorporation of user feedback in the design and fabrication of components and systems for research and technology development in biomedical engineering. Students will interact with highly experienced faculty to develop and deploy design solutions for BME laboratories and technology spin-outs.

**Rules & Requirements**

**Requisites:** Prerequisite, BMME 386 with a grade of A.

**Repeat Rules:** May be repeated for credit. 4 total credits. 2 total completions.

**Grading Status:** Letter grade.


**BMME 490. Special Topics in Biomedical Engineering. 1-9 Credits.**

A study in the special fields under the direction of the faculty. Offered as needed for presenting material not normally available in regular BMME courses. Majors only.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

 **BMME 495. Undergraduate Research in Biomedical Engineering as a Technical Elective. 3 Credits.**

Opportunity for hands-on faculty mentored research project in biomedical engineering. Approved plan of work required with significant independent research culminating in a final paper and presentation at an appropriate venue. Departmental approval required. Course may not be repeated.

Permission of department.

**Rules & Requirements** **IDEAs in Action Gen Ed: RESEARCH.**

**Grading Status:** Letter grade.

**BMME 505. Skeletal Biomechanics. 3 Credits.**

A firm understanding of the principles of mechanics is an important foundation to biomechanics. In this course, students will study the mechanics of materials with applications to the strength of bone, implant analysis, and testing of biological materials. A goal of this course is for students to understand how the interface of biology, mechanics, and therapies affect skeletal pathological conditions.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 160 and MATH 383.

**Grading Status:** Letter grade.

**BMME 511. Genetic Engineering. 3 Credits.**

The course introduces the engineering principles used to modify cells in a variety of biomedical applications. The format includes lectures, discussion of primary research literature, and application of engineering design principles through student projects. The goals are to 1) discuss genome editing technologies, 2) evaluate strategies for cellular reprogramming and directed differentiation of stem cells, and 3) illustrate how genetic modification can be harnessed for cellular therapy and research applications such as animal models.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 301 or BMME 302; and BMME 315 or BMME 325; recommended BMME 420 or BIOL 202.

**Grading Status:** Letter grade.

**BMME 523. Biomolecular Engineering. 3 Credits.**

This course introduces the use and creation of biomolecules for biomedical applications to foster the development of a mission oriented research plan to create engineered biomolecules for biomedical applications. Students will search, prepare, evaluate, design, and simulate biomolecules through lectures on the basic chemical and structural properties of biomolecules, exploiting varieties of biomolecules, practical methods to engineer biomolecules, and development of a student research plan. BME students only.

**Rules & Requirements**

**Requisites:** Prerequisite, BMME 325 or CHEM 430.

**Grading Status:** Letter grade.

**BMME 524. Biomolecular Sensing Technologies. 3 Credits.**

This course introduces the science and technology of biomolecular sensing technologies, the essence of biosensors, and biochemical and immunological in vitro/in vivo diagnostic devices. The focus of the class is biomolecules (enzymes, antibodies, binding proteins, receptors, aptamers, molecularly imprinted polymers, etc.), bioelectronics and biochemical principles employed in biosensor development. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisite, BMME 325 or CHEM 430; recommended BMME 420 or BMME 511.

**Grading Status:** Letter grade.

**BMME 527. Targeted Photomedicine. 3 Credits.**

This course will introduce students to fundamental concepts and engineering approaches in targeted photomedicine, particularly for the treatment of cancer. Students will review and present research articles on emerging applications of photomedicine. The major deliverable will be an NIH-style research proposal, based on lecture material and a literature review, to help students gain an understanding of advancements in targeted photomedicine.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 325 or CHEM 430; and BMME 301 or 302.

**Grading Status:** Letter grade.

**BMME 550. Medical Imaging I: Ultrasonic, Optical, and Magnetic Resonance Systems. 3 Credits.**

Physical and mathematical foundations of ultrasonic, optical, and magnetic resonance imaging systems in application to medical diagnostics. Each imaging modality is examined, highlighting critical system characteristics: underlying physics of the imaging system, including mechanisms of data generation and acquisition; image creation; and relevant image processing methods, such as noise reduction.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOS 550 and PHYS 128.

**Grading Status:** Letter grade.

**BMME 551. Medical Device Design I. 3 Credits.**

Student multidisciplinary teams work with local medical professionals to define specific medical device concepts for implementation.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BMME 552. Medical Device Design II. 3 Credits.**

Device prototypes designed in the first course in series. Good manufacturing practices; process validation; FDA quality system regulations; design verification and validation; regulatory approval planning; and intellectual property protection.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BMME 560. Medical Imaging II: X-Ray, CT, and Nuclear Medicine Systems. 3 Credits.**

Overview of medical imaging systems using ionizing radiation. Interaction of radiation with matter. Radiation production and detection. Radiography systems and applications. Tomography. PET and SPECT systems and applications.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOS 550, BMME 410, and PHYS 128.

**Grading Status:** Letter grade.

**BMME 565. Biomedical Instrumentation I. 4 Credits.**

Graduate students or permission of the instructor. Topics include basic electronic circuit design, analysis of medical instrumentation circuits, physiologic transducers (pressure, flow, bioelectric, temperate, and displacement). This course includes a laboratory where the student builds biomedical devices.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BMME 575. Practical Machine Learning for Biosignal Analysis. 3 Credits.**

This graduate level course will introduce practical machine learning concepts and tools, and will exemplify their application to the analysis of biological signals and images, including brain imaging, electrophysiology, and image recognition. MATH 347 recommended.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 116 and MATH 233; permission of instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BMME 576. Mathematics for Image Computing. 3 Credits.**

Mathematics relevant to image processing and analysis using real image computing objectives and provided by computer implementations.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 116 or 210 or 401, and MATH 233; a grade of C or better is required in all prerequisites.

**Grading Status:** Letter grade.

**Same as:** COMP 576.

**BMME 581. Microcontroller Applications II. 3 Credits.**

Advanced topics in microcontroller systems used for biomedical instruments. Problems of interfacing computers with biomedical systems are studied. Students collaborate to develop a new biomedical instrument. Platforms could include the use of digital signal processing (DSP) microcontrollers or field programmable gate arrays (FPGAs), and topics could include applications such as digital signal processing and high speed data acquisition to computers.

**Rules & Requirements**

**Requisites:** Prerequisites, BMME 375 and 385 or equivalent.

**Grading Status:** Letter grade.

**BMME 681. Human Factors Engineering and Quality Management Systems for Engineers. 3 Credits.**

This course teaches human factors engineering, risk assessment, and quality management systems. At the end of the course, students will be able to apply their knowledge to their senior design project and test for a six sigma green belt certification.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **BMME 691H. Honors Thesis. 3 Credits.**

Research honors course. Prior approval needed from the chair or associate chair of the program for topic selection and faculty research mentor. Minimum GPA requirement, written report, and abstract requirements as set forth by the honors program.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **BMME 692H. Honors Thesis. 3 Credits.**

Research honors thesis continuation with required GPA, research topic selection with approved faculty mentor. Written abstract and report per honors program guidelines submitted by specific deadlines.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **BMME 697. BME Senior Design: Product Development. 3 Credits.**


This course is part of a three year sequence and it expands on the skills and knowledge gained in BM(M)E 398. Students continue to learn the process of engineering design and learn new skills to produce solutions for unmet medical needs. Majors only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE, COMMBEYOND.

**Requisites:** Prerequisites, BMME 398 and BMME 301 or 302; and two specialization or gateway electives.

**Grading Status:** Letter grade.

 **BMME 698. Biomedical Engineering Senior Design: Product Implementation and Strategy. 3 Credits.**

This course is part of a three-year sequence and it expands on the skills and knowledge gained in prior design courses. Students continue to learn the process of engineering design and learn new skills to produce solutions for unmet medical needs. Implementation phase of the senior design experience.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Requisites:** Prerequisites, BMME 398 and BMME 301 or 302; 2 gateway or specialization electives; Pre- or corequisite, 3 additional gateway or specialization electives.

**Grading Status:** Letter grade.

## Contact Information

**Department of Biomedical Engineering**

Visit Program Website (<http://www.bme.unc.edu>)

**Chair**

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**Student Services Coordinator**

Vacant

## Biomedical Engineering Major, B.S.

In this major, students learn to apply engineering principles to solve problems in medicine and biology. This is a field of great breadth that incorporates medical imaging, informatics, micro and nanosystems, prosthetics, medical devices, tissue engineering and genomics, drug delivery, and applications of signal processing and control.









## Admission

Students may declare the biomedical engineering major as early as their first year. However, students who wish to complete the biomedical engineering major must apply for admission to the program. Admission to the university does not guarantee admission to the program.

Admission to the program is granted to rising sophomores, and students will apply in the fall, spring or summer of their first year. Rising juniors may also apply, but admission to rising juniors will only be granted on a limited basis if space is available. Students who are not accepted to the program must select a different major.

In order to apply, students must complete the following courses.

Code	Title	Hours
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>1, H, F</sup>	4
ENGL 105	 English Composition and Rhetoric <sup>2</sup>	3
MATH 231	 Calculus of Functions of One Variable I <sup>1, H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>1, H, F</sup>	4

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> With a grade of C or better. AP, IB, or transfer credit will be accepted according to university policies.

<sup>2</sup> With a grade of C- or better. Transfer credit will be accepted according to university policies.

More information about this process is available on the department website (<https://bme.unc.edu/undergraduate/undergraduate-admissions/>).

## Program Enhancement Fee

Students will be charged an additional fee of \$750/semester (\$1,500/year). The money is directly applied to the undergraduate program to enhance the undergraduate laboratory, internship, and outreach experience.

## Advising

BME curriculum advisors provide guidance on course and curriculum issues. The advisors are a small group of faculty members and staff who have expertise in the BME curriculum. Students can meet with their designated curriculum advisors at any time. After admission to the program, BME students must get their planned courses approved by a curriculum advisor each semester in order to register for classes. Students can also schedule a meeting with an advisor for additional assistance. The department sends out instructions on this procedure every semester.

First-year students receive advising through the Academic Advising Program. A first-year student can also meet their designated curriculum advisor in BME by scheduling an advising appointment. BME curriculum advisors do not advise students on General Education requirements. Advisors from the Academic Advising Program can provide assistance with these requirements.

## Student Learning Outcomes

Upon completion of the biomedical engineering program, students should be able to:

### General engineering outcomes:

- Demonstrate an ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics
- Demonstrate an ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety and welfare, as well as global, cultural, social, environmental, and economic factors
- Demonstrate an ability to communicate effectively with a range of audiences
- Demonstrate an ability to recognize ethical and professional responsibilities in engineering situations and make informed judgements, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
- Demonstrate an ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives
- Demonstrate an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgement to draw conclusions
- Demonstrate an ability to acquire and apply new knowledge as needed, using appropriate learning strategies

### BME-specific program criteria:

- Apply principles of engineering, biology, human physiology, chemistry, calculus-based physics, mathematics (through differential equations), and statistics
- Solve bio/biomedical engineering problems, including those associated with the interaction between living and non-living systems
- Analyze, model, design, and realize bio/biomedical engineering devices, systems, components, or processes
- Make measurements on and interpret data from living systems

## Requirements

In addition to the program requirements listed below, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill or North Carolina State University (N.C. State) courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill or N.C. State
- earn a minimum cumulative GPA of 2.000 in the major core requirements

For more information, please consult the degree requirements section of the catalog (p. 1241).

The first two years of study have many courses in common with the B.S. programs in chemistry, physics, computer science, or mathematical sciences. The curriculum, as for all sciences, is vertically structured, with experience and knowledge from each course serving as a foundation for subsequent courses. Students' attention to prerequisites is important. The specific requirements are listed below. Students are also encouraged to engage in research in a laboratory at UNC–Chapel Hill or elsewhere, or have an internship experience in industry.

The degree program requires **124 hours**.

Students who are admitted to the program may take courses at N.C. State. Most classes designated BMME ### are offered as BMME ### on the UNC campus and BME ### on the N.C. State campus. Other N.C. State course numbers are designated in parentheses.

Code	Title	Hours
<b>Core Requirements</b>		
Students should take the following courses, preferably in their second year:		
BMME 201	Computer Methods in Biomedical Engineering (CSC 113)	3
	or COMP 116 Introduction to Scientific Programming	
BMME 205	Biomedical Mechanics	4
BMME 209	Materials Science of Biomaterials	4
BMME 298	Biomedical Engineering Design and Manufacturing I	2
Students should take the following courses, preferably in their third year:		
BMME 207	Biomedical Electronics	4
BMME 301	Human Physiology : Electrical Analysis	4
BMME 302	Human Physiology: Mechanical Analysis	4
BMME 398	Biomedical Engineering Design and Manufacturing II <sup>H</sup>	2
Take three gateway electives to prepare for specialty electives in two areas		
BMME 315	Biotransport	
BMME 325	Biochemistry for Biomedical Engineers	
	or CHEM 43(Introduction to Biological Chemistry)	
BMME 335	Biomaterials	
BMME 345	Biomedical Solid Mechanics	
BMME 355	Biocontrols	
BMME 365	Systems and Signals	
BMME 375	Biomedical Microcontroller Applications	
BMME 385	Bioinstrumentation	
Students should take the following courses, preferably in their final year:		
BMME 697	BME Senior Design: Product Development (BME 451)	3
BMME 698	Biomedical Engineering Senior Design: Product Implementation and Strategy (BME 452)	3
Four electives from no more than two specialization areas		12
STEM elective - an upper level (300 or greater) math, science or engineering course (must be engineering if CHEM 430 replaces BMME 325 as a gateway elective)		3
<b>Additional Requirements</b>		

Students should take the following courses, preferably in their first two years:

BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory (BIO 183) <sup>H, F</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I (CH 101 + 102) <sup>F</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II (CH 201 + 202) <sup>H, F</sup>	4
CHEM 261	Introduction to Organic Chemistry I (CH 221 + CH 222) <sup>H</sup>	3
MATH 231	Calculus of Functions of One Variable I (MA 141) <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II (MA 241) <sup>H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables (MA 242) <sup>H, F</sup>	4
MATH 383 & 383L	First Course in Differential Equations and First Course in Differential Equations Laboratory <sup>H</sup>	4
PHYS 118	Introductory Calculus-based Mechanics and Relativity (PY 205 + 206) <sup>F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta (PY 208 + 209) <sup>F</sup>	4
Remaining General Education courses and electives to reach 124 hours		28
<b>Total Hours</b>		<b>124</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

#### STEM Elective

This list includes courses at UNC. It does not include BME gateway electives or specialization electives, but any of those courses will meet the engineering elective requirement. It must be an extra course and cannot double count for the gateway/specialty electives requirements.

Additional 300 or greater level math and science courses may be approved by the student's advisor to meet this requirement.

Code	Title	Hours
APPL 430	Optical Instrumentation for Scientists and Engineers	3
APPL 465	Sponge Bob Square Pants and Other Soft Materials	3
APPL 490	Special Topics (Bioelectronic Materials)	1-3
BIOL 202	Molecular Biology and Genetics <sup>H, F</sup>	4


CHEM 430	Introduction to Biological Chemistry (GN 311) <sup>H</sup>	3
STOR 320	 Introduction to Data Science	4
STOR 435	Introduction to Probability	3
STOR 455	Methods of Data Analysis	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Students must satisfy all General Education requirements, as outlined elsewhere in this catalog. Some General Education requirements should be met with specific courses as listed above.


### Pharmacoengineering

Code	Title	Hours
BMME 485	Biotechnology	3
BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3
BMME 511	Genetic Engineering	3
BMME 523	Biomolecular Engineering	3
BMME 524	Biomolecular Sensing Technologies	3
BMME 527	Targeted Photomedicine	3

#### N. C. State Campus

BME 516	Advanced Drug Delivery	3
BME 570	ImmunoEngineering	3


### Biosignals and Imaging

Code	Title	Hours
<b>UNC Campus</b>		
BMME 461	Introduction to Medical Imaging	3
BMME 575	Practical Machine Learning for Biosignal Analysis	3
BMME 576	Mathematics for Image Computing	3
BMME 581	Microcontroller Applications II	3
MATH 528	Mathematical Methods for the Physical Sciences I	3
or MA 501	Adv. Math. for Sci. & Engrs. I (NC State)	
BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective (BME 418: Wearable Biosensors)	3

#### N.C. State Campus

BME 412	Biomedical Signal Processing	3
BME 418	Wearable Biosensors	3
BME 425	Bioelectricity	3
BME 463	Biomedical Optics and Lasers	3
BME 565	Microscopy	3
ECE 455	Computer Control of Robots	3
ECE 456	Mechatronics	3
ECE 461	Embedded Systems	3
ECE 505	Neural Interface Engineering	3


### Medical Microdevices

Code	Title	Hours
<b>UNC Campus</b>		
BMME 441	Thermal Physics	3
or MSE 301	Intro to Thermo (NC State)	
or MAE 201	Engr. Thermo I (NC State)	
BMME 455	Biofluid Mechanics	3
or CE 382	Hydraulics (NC State)	
or MAE 308	Fluid Mechanics (NC State)	
BMME 486	Biomedical Instrumentation Design and Prototyping II	2
BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3


#### N.C. State Campus

BME 412	Biomedical Signal Processing	3
BME 418	Wearable Biosensors	3
BME 522	Medical Instrumentation	3
E 304	Intro to Nano Science and Technology	3
ECE 436	Digital Control Systems	3
ECE 505	Neural Interface Engineering	3

### Regenerative Medicine

Code	Title	Hours
<b>UNC Campus</b>		
BMME 420	Introduction to Synthetic Biology	3
BMME 441	Thermal Physics	3
or MAE 201	Engr. Thermo I (NC State)	
or MSE 301	Intro to Thermo (NC State)	
BMME 435	Biological Physics	3
BMME 455	Biofluid Mechanics	3
or CE 382	Hydraulics (NC State)	
or MAE 308	Fluid Mechanics (NC State)	
BMME 470	Analysis of Tissue Engineering Technologies	3
BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3
BMME 511	Genetic Engineering	3
<b>N.C. State Campus</b>		
BME 429	Cellular Engineering	3
BME 448	Functional Tissue Engineering	3
BME 462	Biomaterials Characterization	3
BME 484	Fundamentals of Tissue Engineering	3
BIT 466 & BME 483	Animal Cell Culture; Tissue Engineering Technologies	2+2
TE 463	Polymer Engineering	3

### Rehabilitation Engineering

Code	Title	Hours
<b>UNC Campus</b>		
BMME 405	Biomechanics of Movement	3
BMME 445	Systems Neuroscience	3
BMME 447	Neural Basis of Rehabilitation Engineering	3
BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3

BMME 505	Skeletal Biomechanics	3
<b>N.C. State Campus</b>		
BME 418	Wearable Biosensors	3
BME 425	Bioelectricity	3
BME 444	Orthopedic Biomechanics	3
BME 467	Mechanics of Tissues and Implants Requirements	3
BME 545	Bone Mechanobiology	3
BME 556	Rehabilitation Robotics	3

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric <sup>2</sup> or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180) <sup>2,3</sup>	3-4
<b>Major Courses</b>	
MATH 231  Calculus of Functions of One Variable I <sup>1, H, F</sup>	4
MATH 232  Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
PHYS 118  Introductory Calculus-based Mechanics and Relativity <sup>1, F</sup>	4
CHEM 101 & 101L  General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>1, F</sup>	4
BIOL 101 & 101L  Principles of Biology and Introductory Biology Laboratory <sup>H, F</sup>	4
<b>Hours</b>	<b>34-35</b>

### Sophomore Year

<b>Major Courses</b>	
MATH 233  Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 383 & 383L  First Course in Differential Equations and First Course in Differential Equations Laboratory <sup>H</sup>	4
PHYS 119  Introductory Calculus-based Electromagnetism and Quanta <sup>F</sup>	4
CHEM 102 & 102L  General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
CHEM 261  Introduction to Organic Chemistry I <sup>H</sup>	3
BMME 298  Biomedical Engineering Design and Manufacturing I	2

COMP 116  Introduction to Scientific Programming or Computer Methods in Biomedical Engineering	3
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BMME 205  Biomedical Mechanics (Fall only)	4
BMME 209  Materials Science of Biomaterials (Spring only)	4

### Additional Courses

Lifetime Fitness (p. 1239)	1
<b>Hours</b>	<b>33</b>

### Junior Year

#### Major Courses

BMME 207  Biomedical Electronics (Fall only)	4
BMME 301  Human Physiology: Electrical Analysis (Spring only)	4
BMME 302  Human Physiology: Mechanical Analysis (Fall only)	4
BMME 398  Biomedical Engineering Design and Manufacturing II <sup>H</sup>	2
BMME --  Gateway elective I	3
BMME --  Gateway elective 2	3
BMME --  Gateway elective 3	3

STEM Elective	3
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### Additional Courses

Remaining IDEAs in Action requirements or electives	4
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<b>Hours</b>	<b>30</b>
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### Senior Year

#### Major Courses

BMME --  Specialty Elective 1	3
BMME --  Specialty Elective 2	3
BMME --  Specialty Elective 3	3
BMME --  Specialty Elective 4	3
BMME 697  BME Senior Design: Product Development (Fall only)	3
BMME 698  Biomedical Engineering Senior Design: Product Implementation and Strategy (Spring only)	3

### Additional Courses

Remaining IDEAs in Action requirements or electives to reach 124 credits	9
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<b>Hours</b>	<b>27</b>
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<b>Total Hours</b>	<b>124-125</b>
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<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> With a grade of C or better. AP, IB, or transfer credit will be accepted according to university policies.

<sup>2</sup> With a grade of C or better. Transfer credit will be accepted according to university policies.

<sup>3</sup> Students may wish to consider completing their GLOBL-LANG (p. 1180) requirement over the summer, in the second year, or through transfer credit to allow for taking fewer hours per semester in the first year.

## Special Opportunities in Biomedical Engineering

### Honors in Biomedical Engineering

Students who successfully complete a research project and have a sufficiently outstanding academic record are eligible for graduation with honors or highest honors. The requirements for graduation with honors or highest honors include

1. overall grade point average of 3.3 or higher;
2. attendance at two seminars each semester from the BME seminar series or other approved seminars
3. Complete a 300 or higher level BME course for honors credit or complete a graduate-level course that counts toward the undergraduate degree. The course should be completed with a grade of B or better.
4. completion of a two-semester research project, with course credit given in BMME 691H and BMME 692H;
5. presentation of the research to a committee of three faculty members, both as an oral presentation and a written honors thesis; and,
6. approval by that committee.

Additional requirements for BMME 691H and BMME 692H are given to students in those classes. For consideration for highest honors, the research project must be judged to be of publishable quality.

Students wishing to be considered for graduation with honors should apply for approval to enroll in BMME 691H. Additional information can be found in the Academic Credit for Research section of the web page.

### Departmental Involvement

Student organizations include the BME Club. This is an official UNC–Chapel Hill club that organizes speakers, outreach to industry and the medical school, and mentoring, among other activities. This is also a joint club with the BME students at North Carolina State University.

### Experiential Education

All students in biomedical engineering participate in a capstone design experience in which they develop a device or system that has biomedical applications. This project fulfills the General Education experiential education requirement. There are also opportunities for experiential education outside of the curriculum. These opportunities include Helping Hands, which develops 3-D printed prosthetic hands, and Engineering World Health, which develops medical equipment for under-resourced populations.

### Undergraduate Awards

Awards are given to students in the graduating class each spring.

### Undergraduate Research

Students are strongly encouraged to undertake a research project at any time during their education, but particularly during their junior and/or senior years. Through the challenge of a research project, students come face to face with the leading edge of an area, gain expertise with state-of-the-art techniques and instrumentation, and experience a

professional scientific career firsthand. Many undergraduate students work in the research laboratories of BME faculty members. In addition, faculty across campus conduct BME-related research, and many undergraduate students take advantage of these research opportunities in the School of Medicine, School of Dentistry, School of Pharmacy, and in the Departments of Biology, Chemistry, Physics and Astronomy, Computer Science, and Exercise and Sport Science.

The BME department helps to coordinate research activities and facilitates connections between students and research laboratories. This is accomplished through communication via e-mail and the department website. Also, the department organizes laboratory open houses, enabling students to visit faculty laboratories and learn about their research opportunities. The UNC–Chapel Hill Office for Undergraduate Research is also an excellent resource for finding research opportunities.

## Contact Information

### Department of Biomedical Engineering

Visit Program Website (<http://www.bme.unc.edu>)

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#### Associate Chair for Education, Director of Undergraduate Studies

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#### Director of Graduate Studies

Matthew Fisher  
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#### Associate Director of Undergraduate Studies, Curriculum Advisor

Naji Husseini  
najihuss@email.unc.edu

#### Student Services Coordinator

Vacant

## Department of Biostatistics

### Introduction

The Department of Biostatistics in the Gillings School of Global Public Health is recognized as a worldwide leader in research and practice. The B.S.P.H. in biostatistics provides highly qualified undergraduates with a curriculum consisting of a strong mathematical foundation; advanced coursework in statistical applications, theory, and computing; and an understanding of the public health sciences.

The undergraduate major in biostatistics prepares students to apply quantitative methods to design studies, implement methods, analyze data, and interpret results across a range of disciplines.

The degree provides an excellent foundation for continued studies (primarily graduate school in biostatistics, statistics, data science, or medical school). The job market for B.S.P.H. biostatistics graduates is strong, with previous students employed in a variety of fields including public health, pharmaceuticals, and medicine. This undergraduate

program is believed to be the first undergraduate degree in biostatistics in the country.

## Advising

The academic coordinator and director of undergraduate studies advise biostatistics undergraduates. Undergraduate students are encouraged to meet regularly with these advisors and review their Tar Heel Tracker each semester. Departmental academic advising is particularly important for those students who are considering proceeding to graduate school, pursuing a second major, or pursuing the dual B.S.P.H.–M.S. degree. Further information may be obtained through the departmental website (<http://sph.unc.edu/bios/bios-degrees/>).

## Facilities

The Department of Biostatistics has a student library, a student study room, and computer facilities for its students.

## Graduate School and Career Opportunities

In recent years, the majority of undergraduate biostatistics students from this program have chosen to attend medical school or graduate school in biostatistics (or other closely related fields) following graduation. More than 65 percent of recent graduates have entered medical school or graduate programs (primarily biostatistics) immediately following graduation. Recent graduates are attending top-ranked medical schools at Johns Hopkins University, Vanderbilt University, University of Virginia, Duke University, and UNC–Chapel Hill. Biostatistics graduate programs where students have matriculated immediately following completion of this undergraduate program include the University of Washington–Seattle, Harvard, UNC–Chapel Hill, Johns Hopkins University, and the University of Michigan.

Previous graduates who chose to seek employment have taken positions in the pharmaceutical industry, contract research organizations (CROs), and medical settings. Examples of employers of recent graduates include Duke Clinical Research Institute, Blue Cross Blue Shield, IQVIA, Rho, PPD, National Institutes of Environmental Health Science, and Research Triangle Institute. Traditionally, career opportunities have been outstanding for skilled biostatisticians.

### Major

- Biostatistics Major, B.S.P.H. (p. 265)

## Professors

Kevin Anstrom, Jianwen Cai, David J. Couper, Michael G. Hudgens, Joseph G. Ibrahim, Anastasia Ivanova, Gary G. Koch, Michael R. Kosorok, Lisa M. LaVange, Yun Li, Danyu Lin, Feng-Chang Lin, Yufeng Liu, James Stephen Marron, Andrew B. Nobel, John S. Preisser, Bahjat Qaqish, Todd A. Schwartz, Richard Smith, Kinh Truong, Donglin Zeng, Haibo Zhou, Hongtu Zhu, Fei Zou.

## Associate Professors

Robert Agans, Jamie L. Crandell, Tanya Garcia, Annie Green Howard, Quefeng Li, Michael Love, Jane Monaco, Naim Rashid, Daniela Sotres-Alvarez, Xianming Tan, Di Wu, Baiming Zou.

## Assistant Professors

Yuchao Jiang, Didong Li, Bonnie Shook-Sa.

## Adjunct Professors

Haoda Fu, Eric Laber, Sean Simpson, Wei Sun, Sonia Thomas, William Valdar, Clarice Weinberg, Richard Zink.

## Adjunct Assistant Professors

Matthew Biggs, Liddy Chen, Charles Pepe-Ranney, Shanshan Zhao, Zhengwu Zhang, Xiaojing Zheng.

## Adjunct Instructors

Jane Eslinger, Kinsey Helton, Marcus Herman-Giddens, Jeff Laux, Vincent Touns.

## Professors Emeriti

Shrikant Bangdiwala, Lloyd E. Chambless, Clarence E. Davis, James E. Grizzle, Ronald W. Helms, Lawrence L. Kupper, Keith E. Muller, Dana E. Quade, Pranab K. Sen, Chirayath M. Suchindran, Michael J. Symons.

## BIOS–Biostatistics

### Undergraduate-level

**BIOS 392. Undergraduate Internship. 1-3 Credits.**  
Academic credit for approved internship experience.

#### Rules & Requirements

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BIOS 396. Readings in Biostatistics. 1-12 Credits.**

Directed readings or laboratory study. May be taken more than once. Two to six laboratory hours a week.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

### Advanced Undergraduate and Graduate-level

**BIOS 500H. Introduction to Biostatistics. 3 Credits.**

Access to SAS, Excel required. Permission of instructor for nonmajors. Introductory course in probability, data analysis, and statistical inference designed for B.S.P.H. biostatistics students. Topics include sampling, descriptive statistics, probability, confidence intervals, tests of hypotheses, chi-square distribution, 2-way tables, power, sample size, ANOVA, non-parametric tests, correlation, regression, survival analysis.

#### Rules & Requirements

**Requisites:** Prerequisite, MATH 231 and 232; corequisite, BIOS 511.

**Grading Status:** Letter grade.

**BIOS 511. Introduction to Statistical Computing and Data Management. 4 Credits.**

Required preparation, previous or concurrent course in applied statistics. Permission of instructor for nonmajors. Introduction to use of computers to process and analyze data, concepts and techniques of research data management, and use of statistical programming packages and interpretation. Focus is on use of SAS for data management and reporting.

#### Rules & Requirements

**Grading Status:** Letter grade.

**BIOS 512. Data Science Basics. 3 Credits.**

Students will gain proficiency with R, data wrangling, data quality control and cleaning, data visualization, exploratory data analysis, with an overall emphasis on the principles of good data science, particularly reproducible research. The course will also develop familiarity with several software tools for data science best practices, such as Git, Docker, Jupyter, Make, and Nextflow.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOS 540. Problems in Biostatistics. 1-15 Credits.**

Arrangements to be made with the faculty in each case. A course for students of public health who wish to make a study of some special problem in the statistics of the life sciences and public health. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading Status:** Letter grade.

**BIOS 600. Principles of Statistical Inference. 3 Credits.**

Required preparation, knowledge of basic descriptive statistics. Major topics include elementary probability theory, probability distributions, estimation, tests of hypotheses, chi-squared procedures, regression, and correlation.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOS 611. Introduction to Data Science. 4 Credits.**

Topics will include gaining proficiency with R and Python, data wrangling, data quality control and cleaning, data visualization, exploratory data analysis, and introductory applied optimization, with an overall emphasis on the principles of good data science, particularly reproducible research. Some emphasis will be given to large data settings such as genomics or claims data. The course will also develop familiarity with software tools for data science best practices, such as Git, Docker, Jupyter, and Nextflow.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 232 and 416, and STOR 151.

**Grading Status:** Letter grade.

**BIOS 635. Introduction to Machine Learning. 3 Credits.**

This course will be an introductory course to machine learning. The goal is to equip students with knowledge of existing tools for data analysis and to get students prepared for more advanced courses in machine learning. This course is restricted to SPH Master of Public Health students.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOS 512 or 650; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOS 641. Quantitative Methods for Health Care Professionals I. 4 Credits.**

Course is designed to meet the needs of health care professionals to appraise the design and analysis of medical and health care studies and who intend to pursue academic research careers. Covers basics of statistical inference, analysis of variance, multiple regression, categorical data analysis. Previously offered as PUBH 741. Permission of instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOS 642. Quantitative Methods for Health Care Professionals II. 4 Credits.**

Continuation of BIOS 641. Main emphasis is on logistic regression; other topics include exploratory data analysis and survival analysis. Previously offered as PUBH 742.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOS 641.

**Grading Status:** Letter grade.

**BIOS 645. Principles of Experimental Analysis. 3 Credits.**

Required preparation, basic familiarity with statistical software (preferably SAS able to do multiple linear regression) and introductory biostatistics, such as BIOS 600. Continuation of BIOS 600. Analysis of experimental and observational data, including multiple regression and analysis of variance and covariance. Previously offered as BIOS 545. Permission of the instructor for nonmajors.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOS 600 or SPHG 711.

**Grading Status:** Letter grade.

**BIOS 650. Basic Elements of Probability and Statistical Inference I. 3 Credits.**

Required preparation, two semesters of calculus (such as MATH 231, 232). Fundamentals of probability; discrete and continuous distributions; functions of random variables; descriptive statistics; fundamentals of statistical inference, including estimation and hypothesis testing.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOS 660. Probability and Statistical Inference I. 3 Credits.**

Required preparation, three semesters of calculus (such as MATH 231, 232, 233). Introduction to probability; discrete and continuous random variables; expectation theory; bivariate and multivariate distribution theory; regression and correlation; linear functions of random variables; theory of sampling; introduction to estimation and hypothesis testing.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOS 661. Probability and Statistical Inference II. 3 Credits.**

Distribution of functions of random variables; Helmer transformation theory; central limit theorem and other asymptotic theory; estimation theory; maximum likelihood methods; hypothesis testing; power; Neyman-Pearson Theorem, likelihood ratio, score, and Wald tests; noncentral distributions.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOS 660; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOS 662. Intermediate Statistical Methods. 4 Credits.**

Principles of study design, descriptive statistics, sampling from finite and infinite populations, inferences about location and scale. Both distribution-free and parametric approaches are considered. Gaussian, binomial, and Poisson models, one-way and two-way contingency tables.

**Rules & Requirements**

**Requisites:** Pre- or corequisites, BIOS 511 and 650.

**Grading Status:** Letter grade.

**BIOS 663. Intermediate Linear Models. 4 Credits.**

Required preparation, BIOS 662. Matrix-based treatment of regression, one-way and two-way ANOVA, and ANCOVA, emphasizing the general linear model and hypothesis, as well as diagnostics and model building. Reviews matrix algebra. Includes statistical power for linear models and binary response regression methods.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOS 664. Sample Survey Methodology. 4 Credits.**

Fundamental principles and methods of sampling populations, with emphasis on simple, random, stratified, and cluster sampling. Sample weights, nonsampling error, and analysis of data from complex designs are covered. Practical experience through participation in the design, execution, and analysis of a sampling project.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisite, BIOS 650; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** STOR 358.

**BIOS 665. Analysis of Categorical Data. 3 Credits.**

Introduction to the analysis of categorized data: rates, ratios, and proportions; relative risk and odds ratio; Cochran-Mantel-Haenszel procedure; survivorship and life table methods; linear models for categorical data. Applications in demography, epidemiology, and medicine.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOS 645, 650, and 662; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**BIOS 667. Applied Longitudinal Data Analysis. 3 Credits.**

Analysis of variance and multiple linear regression course at the level of BIOS 663 required. Familiarity with matrix algebra required. Univariate and multivariate repeated measures ANOVA, GLM for longitudinal data, linear mixed models. Estimation and inference, maximum and restricted maximum likelihood, fixed and random effects.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOS 663; permissions from the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOS 668. Design of Public Health Studies. 3 Credits.**

Statistical concepts in basic public health study designs: cross-sectional, case-control, prospective, and experimental (including clinical trials). Validity, measurement of response, sample size determination, matching and random allocation methods.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOS 645 and 650.

**Grading Status:** Letter grade.

**BIOS 669. Working with Data in a Public Health Research Setting. 3 Credits.**

Provides a foundation and training for working with data from clinical trials or research studies. Topics: issues in study design, collecting quality data, using SAS and SQL to transform data, typical reports, data closure and export, and working with big data.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOS 511 or EPID 700; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOS 670. Demographic Techniques I. 3 Credits.**

Source and interpretation of demographic data; rates and ratios, standardization, complete and abridged life tables; estimation and projection of fertility, mortality, migration, and population composition.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOS 672. Probability and Statistical Inference I. 4 Credits.**

Required preparation, three semesters of calculus. Introduction to probability; discrete and continuous random variables; combinatorics; expectation; random sums, multivariate distributions; functions of random variables; theory of sampling; convergence of sequences, power series, types of convergence, L'Hopital's rule, differentiable functions, Lebesgue integration, Fubini's theorem, convergence theorems, complex variables, Laplace transforms, inversion formulas.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BIOS 673. Probability and Statistical Inference II. 4 Credits.**

Distribution of functions of random variables; central limit theorem and other asymptotic theory; estimation theory; hypothesis testing; Neyman-Pearson Theorem, likelihood ratio, score, and Wald tests; noncentral distributions. Advanced problems in statistical inferences, including information inequality, best unbiased estimators, Bayes estimators, asymptotically efficient estimation, nonparametric estimation and tests, simultaneous confidence intervals.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOS 660; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**BIOS 680. Introductory Survivorship Analysis. 3 Credits.**

Introduction to concepts and techniques used in the analysis of time to event data, including censoring, hazard rates, estimation of survival curves, regression techniques, applications to clinical trials.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOS 661; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.



**BIOS 690. Special Topics in Biostatistics. 1-3 Credits.**  
Field/topical/research seminar. Instructors use this course to offer instruction in particular topics or approaches.

**Rules & Requirements**  
**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.  
**Grading Status:** Letter grade.

**BIOS 691. Field Observations in Biostatistics. 1 Credits.**  
Field visits to, and evaluation of, major nonacademic biostatistical programs in the Research Triangle area. Field fee: \$25.

**Rules & Requirements**  
**Grading Status:** Letter grade.

**BIOS 693H. Honors Research in Biostatistics. 3 Credits.**  
Directed research. Written and oral reports required.

**Rules & Requirements**  
**Making Connections Gen Ed:** EE- Mentored Research.  
**Grading Status:** Letter grade.

**BIOS 694H. Honors Research in Biostatistics. 3 Credits.**  
Directed research. Written and oral reports required.

**Rules & Requirements**  
**Making Connections Gen Ed:** EE- Mentored Research.  
**Grading Status:** Letter grade.

## Contact Information

**Department of Biostatistics**  
Visit Program Website (<http://www.sph.unc.edu/bios/>)  
3103 McGavran-Greenberg Hall, CB# 7420  
(919) 966-7256

**Chair**  
Lisa Lavange

**Program Director**  
Jane Monaco  
monaco@email.unc.edu

## Biostatistics Major, B.S.P.H.

Biostatistics is a discipline concerned with the improvement of human health through the application and advancement of statistical science. The B.S.P.H. biostatistics curriculum consists of a strong mathematical foundation; advanced coursework in statistical applications, theory, and computing; and an understanding of the public health sciences.

The undergraduate major in biostatistics prepares students to apply quantitative methods to design studies, implement methods, analyze data, and interpret results across a range of disciplines. The degree provides an excellent foundation for continued studies (primarily graduate school in biostatistics, statistics, data science, or medical school). The job market for B.S.P.H. biostatistics graduates is outstanding, with previous students employed in a variety of fields including public health, pharmaceuticals, and medicine.

Admission (p. 265) to the program is required.

## Student Learning Outcomes







Upon completion of the biostatistics program, students should be able to:

1. Perform descriptive and inferential data analyses to answer varied research questions (BIOS 500H)
2. Interpret data analysis results for a variety of audiences (BIOS 500H)
3. Use software appropriately in data collection, data management, and analysis (BIOS 511)
4. Demonstrate the use of elementary statistical theory including the use of basic concepts of probability, random variation and common statistical probability distributions (BIOS 650)
5. Demonstrate strong quantitative skills through the successful completion of calculus, linear algebra, and discrete mathematics (MATH 233, MATH 347, and MATH 381)

Through the Public Health Core coursework, all B.S.P.H. biostatistics students also meet the Public Health CEPH competencies including:

- Communicate public health information, in both oral and written forms, through a variety of media and to diverse audiences
- Locate, use, evaluate and synthesize public health information
- Describe health inequities, identify their root causes at multiple levels of the social ecological framework, and discuss approaches to advancing health equity

## Prerequisite Courses Required for Admission

Code	Title	Hours
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
COMP 116 or COMP 110	Introduction to Scientific Programming or  Introduction to Programming and Data Science	3
<b>Total Hours</b>		<b>19</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Admission

The Gillings School of Global Public Health offers four undergraduate majors: biostatistics, environmental health sciences, health policy and management, and nutrition. The undergraduate degree offered is the bachelor of science in public health (B.S.P.H.). Enrollment in the B.S.P.H. degree programs is limited, and students must apply for admission. Students typically apply in January of their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, the initial step of B.S.P.H. application is available in ConnectCarolina under the "Apply for Majors Change" tab. For additional information on application deadlines and

how to apply, please visit the Public Health Undergraduate Majors (<https://sph.unc.edu/resource-pages/undergraduate-programs/>) website.

Transfer students interested in any of the B.S.P.H. degree programs must apply through the Office of Undergraduate Admissions (<http://admissions.unc.edu/apply/transfer-students/>) using the Transfer Common application.

For high school seniors, our four majors participate in the Assured Enrollment program through Undergraduate Admissions. Assured enrollment programs guarantee students a spot in an undergraduate major within one of Carolina's professional schools or a spot in an accelerated undergraduate/graduate program. For additional information, please visit Undergraduate Admissions: Special Opportunities (<https://admissions.unc.edu/explore/enrich-your-education/excelcarolina/>).

Students are subject to the requirements in place when they are admitted to the Gillings School of Global Public Health; consequently, the requirements described in this catalog particularly apply to students admitted to Gillings during the 2023–2024 academic year.

## Requirements

In addition to the program requirements listed below, students must:

- attain a final cumulative grade point average of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill
- earn a C (not C-) or better in all prerequisite, core, and additional courses required for the major

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Public health core courses:		
SPHG 351	Foundations of Public Health	3
SPHG 352	Public Health Systems and Solutions	4
EPID 600	Principles of Epidemiology for Public Health	3
Biostatistics courses:		
BIOS 500H	Introduction to Biostatistics	3
BIOS 511	Introduction to Statistical Computing and Data Management	4
BIOS 645	Principles of Experimental Analysis	3
BIOS 650	Basic Elements of Probability and Statistical Inference I	3
BIOS 664	Sample Survey Methodology	4
BIOS 668	Design of Public Health Studies	3
BIOS 691	Field Observations in Biostatistics	1
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>1, H, F</sup>	4
COMP 110 or COMP 116	Introduction to Programming and Data Science <sup>1, H</sup> or Introduction to Scientific Programming	3
MATH 231	Calculus of Functions of One Variable I <sup>1, H, F</sup>	4

MATH 232	Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H, F</sup>	4
BIOL 103 or BIOL 104	How Cells Function <sup>F</sup> or Biodiversity	3
MATH 381 or STOR 215	Discrete Mathematics <sup>H</sup> or Foundations of Decision Sciences	3
MATH 347	Linear Algebra for Applications	3
MATH 521 or MATH 528	Advanced Calculus I <sup>H</sup> or Mathematical Methods for the Physical Sciences I	3
<b>Total Hours</b>		<b>62</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.





<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Required before matriculation into the program

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101 College Thriving	1
ENGL 105 or ENGL 105I English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
BIOL 101 & 101L Principles of Biology and Introductory Biology Laboratory <sup>H, F</sup>	4
MATH 231 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232 Calculus of Functions of One Variable II <sup>H, F</sup>	4
<b>Hours</b>	<b>23</b>
<b>Sophomore Year</b>	
COMP 110 or COMP 116 <sup>H</sup> Introduction to Programming and Data Science or Introduction to Scientific Programming	3

MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
<b>Hours</b>		<b>7</b>
<b>Junior Year</b>		
<b>Fall Semester</b>		
BIOS 500H	Introduction to Biostatistics (fall only)	3
BIOS 511	Introduction to Statistical Computing and Data Management (fall only)	4
MATH 381	Discrete Mathematics <sup>H</sup>	3
or	or  Foundations of Decision Sciences	
STOR 215		
SPHG 351	Foundations of Public Health	3
EPID 600	Principles of Epidemiology for Public Health <sup>1</sup>	3
<b>Hours</b>		<b>16</b>
<b>Spring Semester</b>		
BIOS 645	Principles of Experimental Analysis (spring only)	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
or	or Mathematical Methods for the Physical Sciences I	
MATH 528		
SPHG 352	Public Health Systems and Solutions	4
BIOL 103	 How Cells Function <sup>F</sup>	3
or	or  Biodiversity	
BIOL 104		
<b>Hours</b>		<b>13</b>
<b>Senior Year</b>		
<b>Fall Semester</b>		
BIOS 650	Basic Elements of Probability and Statistical Inference I (fall only)	3
BIOS 691	Field Observations in Biostatistics (fall only)	1
MATH 347	Linear Algebra for Applications	3
<b>Hours</b>		<b>7</b>
<b>Spring Semester</b>		
BIOS 664	Sample Survey Methodology (spring only)	4
BIOS 668	Design of Public Health Studies (spring only)	3
<b>Hours</b>		<b>7</b>
<b>Total Hours</b>		<b>73</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> EPID 600 strongly recommended in the junior year, but may be taken in the senior year.

## Special Opportunities in the Department of Biostatistics

### Dual Bachelor's–Master's Degree Program

Undergraduate students with appropriate math and biostatistics backgrounds have the opportunity to pursue a dual bachelor's–

graduate degree. This dual B.S.P.H.–M.S. program identifies a coherent course of study for students to complete some of the M.S. degree requirements in biostatistics while pursuing a B.S.P.H. degree with a major in biostatistics. More information is available on the department website (<http://sph.unc.edu/bios/faqs-undergraduates-2/>).

### Honors in Biostatistics

The Department of Biostatistics offers an honors program in which undergraduates can pursue individualized study and undertake a research project in their senior year. Students who have a grade point average of 3.3 or higher are eligible to participate in honors research and write an honors thesis. Faculty members' readiness to guide the students in their honors work governs the final selection of those allowed to enter the program. Students completing an honors thesis must register for BIOS 693H and BIOS 694H.

### Experiential Education

The required course, BIOS 664, fulfills the experiential education Gen Ed requirement in the Making Connections curriculum. In addition, students are required to take BIOS 691 (usually during the fall semester of the senior year). This course consists of an orientation to and observation of six or more major nonacademic institutions in North Carolina's Research Triangle Park area that employ biostatisticians, including contract research organizations and nonprofit companies. BIOS 691 does not fulfill the General Education experiential education requirement.

### Laboratory Teaching Internships and Assistantships

Students are encouraged to investigate part-time employment during the academic year and full-time employment during the summer after their junior year with members of our faculty and their collaborators on current research and service projects.

### Study Abroad

Students are encouraged to participate in the University's study abroad programs in the summers or before matriculating to the B.S.P.H. in biostatistics program. Identification of a study abroad program early in the student's career is necessary for course planning purposes.

### Undergraduate Awards

The Theta Chapter of Delta Omega honors one student among the department's graduates with an award of excellence. Awards are presented in the spring as part of the biostatistics awards ceremony. Among the recent graduates, a notable proportion of students have been inducted into Phi Beta Kappa.

### Undergraduate Research

Students are encouraged to consider doing senior honors research and should consult individual faculty members for opportunities. However, some students choose to take advantage of the myriad part-time employment opportunities with our faculty members on their research and service projects or opportunities within nearby Research Triangle Park.

## Contact Information

### Department of Biostatistics

Visit Program Website (<http://www.sph.unc.edu/bios/>)  
3103 McGavran-Greenberg Hall, CB# 7420  
(919) 966-7256

### Chair

Lisa Lavange

**Program Director**

Jane Monaco  
monaco@email.unc.edu

## Department of Cell Biology and Physiology

The Department of Cell Biology and Physiology in the UNC School of Medicine was formed in July 2012 through the merger of the Department of Cell and Developmental Biology and the Department of Cell and Molecular Physiology. The department offers courses for premedical, predoctoral, nursing, pharmacy, physical therapy, and allied health students, as well as students pursuing science majors. However, the department does not offer a formal program leading to an undergraduate degree. Students interested in independent research may register for PHYI 395 for directed readings or laboratory study with a member of the faculty.

**Graduate Programs**

- M.S. in Cell Biology and Physiology (<http://catalog.unc.edu/graduate/schools-departments/cell-biology-physiology/>)
- Ph.D. in Cell Biology and Physiology (<http://catalog.unc.edu/graduate/schools-departments/cell-biology-physiology/>)

## Courses

The following courses are open to undergraduate students majoring in the sciences.

### CBIO–Cell and Development Biology

**Advanced Undergraduate and Graduate-level Courses**

**CBIO 400. Introduction to Medical Simulation. 3 Credits.**

This entry-level medical simulation course focuses on understanding the integration of simulation technology into clinical education, patient safety, and research applications to include the teamwork and communication skills related to these applications.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CBIO 423. Developmental Toxicology and Teratology. 3 Credits.**

Emphasizes topics of current research interest relative to the genesis of environmentally caused and genetically based birth defects. One two-hour session per week (evening).

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** TOXC 423.

**CBIO 607. Gross Anatomy. 2-4 Credits.**

Permission of the instructor. Primarily for graduate students. Enrollment by availability of space and material.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CBIO 627. Regional Anatomy. 3 Credits.**


Permission of the instructor. For students of oral surgery, surgical residents, and graduate students.

**Rules & Requirements**

**Grading Status:** Letter grade.

## PHYI–Physiology

### Undergraduate-level Courses

 **PHYI 50. First-Year Seminar: Human Physiology. 3 Credits.**

Clinical cases are used to introduce the study of physiology. Students develop learning objectives and research selected topics in health and disease. Final class project is a group endeavor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**PHYI 395. Undergraduate Research in Physiology. 1-6 Credits.**

Permission of the instructor. Directed readings or laboratory study on a selected topic. Final written report required in each term. At least three hours of independent work per week for each unit of credit.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101/101L and CHEM 101/101L.

**Grading Status:** Letter grade.

## Contact Information

**Department of Cell Biology and Physiology**

Visit Program Website (<http://www.med.unc.edu/cellbiophysio/>)  
5200 Medical Biomolecular Research Building, CB# 7545  
(919) 966-5241

**Chair**

Kathleen Caron  
kathleen\_caron@med.unc.edu

## Department of Chemistry

### Introduction

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. Classically, chemistry is divided into several subdisciplines. Organic chemistry deals primarily with carbon compounds; inorganic chemistry, with compounds of the other elements. Physical chemistry seeks to describe relationships between the chemical and physical properties of all substances. Analytical chemistry studies the analysis of the chemical composition of all substances. Biological chemistry pursues the chemistry of living organisms. At the borders of these subdisciplines are many hybrid areas of study: physical organic, organometallic, bioinorganic, and others. At the interface of chemistry with other sciences, several active fields are fueled by insights gained from two ways of thinking about things: for example, chemical physics, chemical biology, organic geochemistry, and the extensive chemical problems in biotechnology, nanotechnology, material sciences, and molecular medicine. In all of these areas the chemist's approach may be theoretical, experimental, or both.

All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. Toward the end of students' progress through their four years of undergraduate study, they may choose to concentrate in one or more areas of chemistry through the courses selected to fulfill the chemistry elective requirements and through undergraduate research.

## Advising

Faculty advisors are available in the Department of Chemistry for both walk-in meetings and scheduled advising appointments. The departmental advisors assist students with a variety of areas: course planning for the chemistry major, career/graduate school planning, study abroad opportunities, undergraduate research opportunities, and how to deal with academic difficulties. Chemistry majors are required to meet with a departmental advisor by appointment prior to registering for any semester beyond the fourth term in residence. The faculty advisors also schedule many events for the majors.

## Graduate School and Career Opportunities

An undergraduate degree tailored according to the student's interests can open doors to graduate programs in many academic disciplines: chemistry, environmental science, materials science, polymer science, chemical engineering, geochemistry, chemical physics, and several disciplines at the interface between biology and chemistry. A technically oriented administrator in the chemical industry might choose to obtain a master's degree in business administration. More than 100 schools in the United States offer graduate programs in chemistry and related areas, and the usual practice is to complete a graduate degree at an institution different from the undergraduate institution. It is necessary to specialize in graduate study, either within one of the branches previously mentioned or at the interface between two of them. A student admitted to a graduate program in chemistry in the United States is usually offered a teaching assistantship or fellowship.

Chemists have a wide choice of academic, governmental, or industrial positions. By far the greatest percentage accept industrial positions, mostly in chemical manufacturing or the petroleum, food, and pharmaceutical industries, where they may be developing new products to benefit humanity or assessing the level of risk in the processes for some proposed production methods, for example. Most government chemists are employed in agriculture, health, energy, environmental, and defense-related areas. In the academic field, with such a broad spectrum of colleges and universities in this country, chemists can set career goals with varying levels of emphasis on training students in research and teaching in the classroom and instructional laboratory.

### Majors

- Chemistry Major, B.A. (p. 276)
- Chemistry Major, B.S. (p. 279)
- Chemistry Major, B.S.–Biochemistry Track (p. 283)
- Chemistry Major, B.S.–Polymer Track (p. 286)

### Minor

- Chemistry Minor (p. 290)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)

## Professors

Erik J. Alexanian, Jeffrey Aubé, James F. Cahoon, Jillian L. Dempsey, Andrey V. Dobrynin, Dorothy A. Erie, Michel R. Gagné, Gary L. Glish, Jeffrey S. Johnson, Yosuke Kanai, David S. Lawrence, Gerald J. Meyer, Alexander J.M. Miller, Andrew M. Moran, David A. Nicewicz, Gary J. Pielak, J. Michael Ramsey, Matthew R. Redinbo, Mark H. Schoenfisch, Sergey S. Sheiko, Jason D. Surratt, Joseph L. Templeton, Marcey L. Waters, Kevin M. Weeks, Wei You.

## Associate Professors

Erin Baker, Leslie M. Hicks, Frank A. Leibfarth, Bo Li, Matthew R. Lockett, Simon J. Meek, Scott C. Warren.

## Assistant Professors

Joanna M. Atkin, Elizabeth C. Brunk, Megan Jackson, Abigail Knight, Huong Kratochvil, Zhiyue Lu, Sidney M. Wilkerson-Hill, Aleksandr V. Zhukhovitskiy.

## Teaching Professors

Todd L. Austell, Brian P. Hogan, Domenic J. Tiani.

## Teaching Associate Professors

Nita Eskew, Thomas C. Freeman.

## Teaching Assistant Professors

Joshua E. Beaver, Carribeth L. Bliem, Anna C. Curtis, Jade Fostvedt, Danielle Zurcher.

## Course Sequencing

Careful attention should be given to prerequisites and course timing when planning a long-term schedule. A C- or better grade in CHEM 101 is required to continue into CHEM 102/CHEM 102L. CHEM 102 is a prerequisite for CHEM 241/CHEM 241L, CHEM 251, and CHEM 261. A C- or better grade in CHEM 102 is required to continue into ANY higher-level chemistry course. A C- or better grade in CHEM 261 is a prerequisite for CHEM 262, and CHEM 241L is a prerequisite for CHEM 262L. Students intending to take pregraduate or preprofessional exams (such as the GRE or MCAT) should plan accordingly.

## CHEM–Chemistry Undergraduate-level Courses

 **CHEM 70. First-Year Seminar: You Don't Have to Be a Rocket Scientist. 3 Credits.**


The goal of this seminar is to develop tools for extracting information from or finding flaws in news reports and popular science writing. Group work on such issues as biomass fuels, the hydrogen economy, and other alternative energy sources will develop an understanding of their economic and environmental impact.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

 **CHEM 73. First-Year Seminar: From Atomic Bombs to Cancer Treatments: The Broad Scope of Nuclear Chemistry. 3 Credits.**


A course engaging the topic of nuclear chemistry on the introductory chemistry course level (e.g., CHEM 101/102). Atomic structure, nuclear fission, and nuclear fusion processes will be introduced to provide the background necessary to understand applications of the processes. Applications discussed will include power generation, medical treatments, weapons, and more. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

 **CHEM 74. First-Year Seminar: Polymers: How Plastic Changed our World. 3 Credits.**

From milk bottles and grocery bags to contact lenses and diapers, polymers influence nearly every aspect of our daily lives. Through hands-on activities, readings, and interactive lessons, we will examine the role polymers have played, both positive and negative, on our society and world.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **CHEM 75. First-Year Seminar: Bread from Air? The Chemistry of Fertilizers. 3 Credits.**

Fear of a global famine inspired chemist Fritz Haber's research into the production of ammonia from nitrogen in the air. Following a breakthrough laboratory discovery, engineer Carl Bosch led the development of a large-scale industrial process to produce ammonia...and together they changed the world. This First-Year Seminar introduces concepts of scientific inquiry and interdisciplinary collaboration in the context of the humankind's utilization of fertilizers.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-NATSCI.

**Grading Status:** Letter grade.

 **CHEM 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**CHEM 100. Foundations of Chemistry. 3 Credits.**

This course is an introduction to fundamental threshold concepts in chemistry as preparation for the two-course sequence of General Descriptive Chemistry (CHEM 101 and 102). This course emphasizes developing contextualized algebra skills for solving chemistry problems including physical unit conversions, molar mass, and reaction stoichiometry. Permission of instructor required.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 110.

**Grading Status:** Letter grade.

 **CHEM 101. General Descriptive Chemistry I. 3 Credits.**

The first course in a two-semester sequence. See also CHEM 102. Atomic and molecular structure, intermolecular forces, stoichiometry and conservation of mass, and properties of gases. Honors version available. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI.

**Making Connections Gen Ed:** PX.

**Requisites:** Prerequisite, MATH 110.

**Grading Status:** Letter grade.

 **CHEM 101L. Quantitative Chemistry Laboratory I. 1 Credits.**

Computerized data collection, scientific measurement, basic laboratory skills, spectroscopy, molecular structure and bonding, and intermolecular forces. Laptop computer required. One three-hour laboratory a week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.

**Requisites:** Pre- or corequisite, CHEM 101.

**Grading Status:** Letter grade.

 **CHEM 102. General Descriptive Chemistry II. 3 Credits.**

The course is the second in a two-semester sequence. See also CHEM 101. Solutions, thermochemical changes including conservation of energy, thermodynamics, reaction rates, chemical equilibria including acid-base chemistry, and electrochemistry. Honors version available. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI.

**Making Connections Gen Ed:** PX.

**Requisites:** Prerequisites, CHEM 101 and 101L; C- or better required in CHEM 101.

**Grading Status:** Letter grade.

**CHEM 102L. Quantitative Chemistry Laboratory II. 1 Credits.**

Computerized data collection, basic laboratory skills, thermochemistry, colligative properties, chemical kinetics, and acid-base titrations. Laptop computer required. One three-hour laboratory a week.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 101L; Pre- or corequisite, CHEM 102 or 102H.

**Grading Status:** Letter grade.

**CHEM 190. Special Topics in Chemistry. 3 Credits.**

An undergraduate seminar course that is designated to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline in chemistry. This course does not count as credit towards the chemistry major.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CHEM 200. Extraordinary Chemistry of Ordinary Things. 3 Credits.**

Coregistration in CHEM 200 and 101L fulfills the physical and life science with a laboratory requirement (PX). This course helps students understand the chemistry behind important societal issues and the consequences of actions aimed at addressing the issues. Students who have taken CHEM 200 cannot take CHEM 101 for credit.

**Rules & Requirements**

**Making Connections Gen Ed:** PX.

**Requisites:** Prerequisite, MATH 110.

**Grading Status:** Letter grade.

 **CHEM 210. Service Learning in Chemistry. 1 Credits.**

This is an APPLIES service-learning course that collaborates with a community partner. Students will develop research questions and test their hypotheses using chemistry lab techniques and instrumentation. Students will keep a reflection journal on their service work and a lab notebook for recording all experimentation. At the end of the semester, students will write a paper and present research posters. Findings will be shared with the community partner. Students must send applications to the instructor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Service Learning, EE- Mentored Research.

**Grading Status:** Letter grade.

**CHEM 241. Modern Analytical Methods for Separation and Characterization. 3 Credits.**

Analytical separations, chromatographic methods, spectrophotometry, acid-base equilibria and titrations, fundamentals of electrochemistry. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 102 or 102H; C- or better required.

**Grading Status:** Letter grade.

**CHEM 241L. Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds. 1 Credits.**

Applications of separation and spectrophotometric techniques to organic compounds, including some of biological interest. One three-hour laboratory a week. Students may not receive credit for both CHEM 241L and CHEM 245L.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 102L; pre- or corequisite, CHEM 241 or 241H.

**Grading Status:** Letter grade.

**CHEM 245L. Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound. 1 Credits.**

Applications of separation and spectrophotometric techniques to samples from the real world, including some of biological interest. Final portion of course consists of group research projects presented to the Department of Chemistry in poster session format. Honors equivalent of CHEM 241L. Students may not receive credit for both CHEM 241L and CHEM 245L. One three-hour laboratory each week.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, CHEM 102L; pre- or corequisite, CHEM 241H.

**Grading Status:** Letter grade.

**CHEM 251. Introduction to Inorganic Chemistry. 3 Credits.**

Chemical periodicity, introductory atomic theory and molecular orbital theory, structure and bonding in solids, descriptive nonmetal chemistry, structures and reactions of transition metal complexes, applications of inorganic complexes and materials.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 102 or 102H; C- or better required.

**Grading Status:** Letter grade.

**CHEM 261. Introduction to Organic Chemistry I. 3 Credits.**

Molecular structure and its determination by modern physical methods, correlation between structure and reactivity and the theoretical basis for these relationships, classification of reaction types exhibited by organic molecules using as examples molecules of biological importance. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 102 or 102H; C- or better required.

**Grading Status:** Letter grade.

**CHEM 262. Introduction to Organic Chemistry II. 3 Credits.**

Continuation of CHEM 261, with particular emphasis on the chemical properties of organic molecules of biological importance. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 261 or 261H; C- or better required.

**Grading Status:** Letter grade.

 **CHEM 262L. Laboratory in Organic Chemistry. 1 Credits.**

Continuation of CHEM 241L or 245L with particular emphasis on organic chemistry synthesis protocols, separation techniques, and compound characterization using modern spectroscopic instrumentation. This course serves as an organic chemistry laboratory for premedical and predoctoral students. Students may not receive credit for both CHEM 262L and CHEM 263L. One three-hour laboratory each week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, CHEM 102L, and CHEM 241L or 245L; pre- or corequisite, CHEM 262 or 262H.

**Grading Status:** Letter grade.

**CHEM 290. Special Topics in Chemistry. 1-3 Credits.**

Elective topics in the field of chemistry. This course has variable content and may be taken multiple times for credit.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**CHEM 291. Seminar on Academic Mentoring. 1-3 Credits.**

Experience includes academic mentoring for small groups, preparing review sessions, and facilitating lecture hall activity. Students will apply concepts in pedagogy, leadership, communication, and group dynamics. Does not fulfill chemistry major requirements. GPA above 3.0 required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Requisites:** Prerequisites, CHEM 102 or 102H, and MATH 231; permission of the instructor for students lacking the prerequisites; Pre- or corequisite, EDUC 150.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Pass/Fail.

**CHEM 293. Undergraduate Internship in Chemistry. 3 Credits.**

The sponsored, off-campus work must involve at least 135 hours. Does not fulfill any requirement in the chemistry major or minor. Chemistry majors only. Permission of instructor/department

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship, EE- Service Learning, EE- Field Work.

**Grading Status:** Pass/Fail.

**CHEM 295. Educational and Social Research in Chemistry. 1-3 Credits.**

This class is designed for students interested in pursuing educational or social research related to the field of chemistry under the mentorship of a faculty member in the UNC Department of Chemistry or another department on campus. This course does not count as a chemistry elective in the chemistry major or minor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisite, CHEM 101.

**Grading Status:** Letter grade.

**CHEM 395. Research in Chemistry for Undergraduates. 3 Credits.**

Required preparation, one CHEM course 420 or higher, or permission of the instructor. For advanced chemistry and applied sciences majors conducting on-campus research. Students prepare a report for their faculty supervisor and present their work at a poster session. May count only once as a chemistry elective. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**CHEM 396. Special Problems in Chemistry. 1-3 Credits.**

Permission of the director of undergraduate studies. Literature or laboratory work equivalent of one to three hours each week. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**CHEM 397H. Honors Colloquium in Chemistry. 1 Credits.**

Weekly meetings complement research carried out under CHEM 395H. Expands students' exposure to specialized areas of research through guided readings and seminars with invited speakers. Aids students in preparing their research for evaluation. CHEM 395H and 397H together can contribute no more than nine total hours toward graduation.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Corequisite, CHEM 395H.

**Repeat Rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****CHEM 410. Instructional Methods in the Chemistry Classroom. 4 Credits.**

Permission of the instructor. This course explores secondary school chemical education through current chemical education theory and classroom teaching. Students will develop a comprehensive approach to teaching chemistry content through student-centered activities.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, CHEM 241, 251, 262, and 262L.

**Grading Status:** Letter grade.

**CHEM 420. Introduction to Polymers. 3 Credits.**

Chemical structure and nomenclature of macromolecules, synthesis of polymers, characteristic polymer properties.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 261 or 261H; pre- or corequisites, CHEM 262 or 262H, and 262L or 263L.

**Grading Status:** Letter grade.

**Same as:** APPL 420.

**CHEM 421. Synthesis of Polymers. 3 Credits.**

Synthesis and reactions of polymers; various polymerization techniques.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 251 and 262 or 262H.

**Grading Status:** Letter grade.

**Same as:** APPL 421.

**CHEM 422. Physical Chemistry of Polymers. 3 Credits.**

Polymerization and characterization of macromolecules in solution.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 420 and 481.

**Grading Status:** Letter grade.

**Same as:** APPL 422.

**CHEM 423. Intermediate Polymer Chemistry. 3 Credits.**

Polymer dynamics, networks and gels.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 422.

**Grading Status:** Letter grade.

**Same as:** APPL 423.



**CHEM 425. Polymer Materials. 3 Credits.**

Solid-state properties of polymers; polymer melts, glasses and crystals.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 421 or 422.

**Grading Status:** Letter grade.

**CHEM 430. Introduction to Biological Chemistry. 3 Credits.**

The study of cellular processes including catalysts, metabolism, bioenergetics, and biochemical genetics. The structure and function of biological macromolecules involved in these processes is emphasized. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101, and CHEM 262 or 262H.

**Grading Status:** Letter grade.

**Same as:** BIOL 430.

**CHEM 431. Macromolecular Structure and Metabolism. 3 Credits.**

Structure of DNA and methods in biotechnology; DNA replication and repair; RNA structure, synthesis, localization and transcriptional regulation; protein structure/function, biosynthesis, modification, localization, and degradation.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 430 and BIOL 103 or BIOL 202.

**Grading Status:** Letter grade.

**CHEM 432. Metabolic Chemistry and Cellular Regulatory Networks. 3 Credits.**

Biological membranes, membrane protein structure, transport phenomena; metabolic pathways, reaction themes, regulatory networks; metabolic transformations with carbohydrates, lipids, amino acids, and nucleotides; regulatory networks, signal transduction.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 430.

**Grading Status:** Letter grade.

**CHEM 441. Intermediate Analytical Chemistry. 3 Credits.**

Spectroscopy, electroanalytical chemistry, chromatography, thermal methods of analysis, signal processing.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 241, 241L, 262, and 480 or 481.

**Grading Status:** Letter grade.

**CHEM 441L. Intermediate Analytical Chemistry Laboratory. 2 Credits.**

Experiments in spectroscopy, electroanalytical chemistry, chromatography, thermal methods of analysis, and signal processing. One four-hour laboratory a week and one one-hour lecture.

**Rules & Requirements**

**Requisites:** Corequisite, CHEM 441.

**Grading Status:** Letter grade.

**CHEM 443. Surface Analysis. 3 Credits.**

This class will focus on analytical techniques capable of probing the physical and chemical properties of surfaces and interfaces. These analyses are extremely challenging, as the sample sizes are small (e.g., 1E14 molecules/cm<sup>2</sup> of a material). The course will focus on complementary techniques to assess surface structure and topography, atomic and molecular composition, organization or disorder, and reactivity.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 441 or CHEM 481; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**CHEM 444. Separations. 3 Credits.**

Theory and applications of equilibrium and nonequilibrium separation techniques. Extraction, countercurrent distribution, gas chromatography, column and plane chromatographic techniques, electrophoresis, ultracentrifugation, and other separation methods.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 441 and CHEM 480 or 481.

**Grading Status:** Letter grade.

**CHEM 445. Electroanalytical Chemistry. 3 Credits.**

Basic principles of electrochemical reactions, electroanalytical voltammetry as applied to analysis, the chemistry of heterogeneous electron transfers, and electrochemical instrumentation.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, CHEM 480 or 481, and CHEM 441.

**Grading Status:** Letter grade.

**CHEM 446. Analytical Spectroscopy. 3 Credits.**

Optical spectroscopic techniques for chemical analysis including conventional and laser-based methods. Absorption, fluorescence, scattering and nonlinear spectroscopies, instrumentation and signal processing.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 441 and 482.

**Grading Status:** Letter grade.

**CHEM 447. Bioanalytical Chemistry. 3 Credits.**

Principles and applications of biospecific binding as a tool for performing selective chemical analysis.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 441.

**Grading Status:** Letter grade.

**CHEM 448. Mass Spectrometry. 3 Credits.**

Fundamental theory of gaseous ion chemistry, instrumentation, combination with separation techniques, spectral interpretation for organic compounds, applications to biological and environmental chemistry.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 480 or 481, and CHEM 441.

**Grading Status:** Letter grade.

**CHEM 449. Microfabricated Chemical Measurement Systems. 3 Credits.**

Introduction to micro and nanofabrication techniques, fluid and molecular transport at the micrometer to nanometer length scales, applications of microtechnology to chemical and biochemical measurements.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 441.

**Grading Status:** Letter grade.

**CHEM 450. Intermediate Inorganic Chemistry. 3 Credits.**

Introduction to symmetry and group theory; bonding, electronic spectra, and reaction mechanisms of coordination complexes; organometallic complexes, reactions, and catalysis; bioinorganic chemistry. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 251.

**Grading Status:** Letter grade.

**CHEM 451. Theoretical Inorganic Chemistry. 3 Credits.**

Chemical applications of symmetry and group theory, crystal field theory, molecular orbital theory. The first third of the course, corresponding to one credit hour, covers point symmetry, group theoretical foundations and character tables.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 262 or 262H and 450.

**Grading Status:** Letter grade.

**CHEM 452. Electronic Structure of Transition Metal Complexes. 3 Credits.**

A detailed discussion of ligand field theory and the techniques that rely on the theoretical development of ligand field theory, including electronic spectroscopy, electron paramagnetic resonance spectroscopy, and magnetism.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 451.

**Grading Status:** Letter grade.

**CHEM 453. Organotransition Metal Chemistry. 2 Credits.**

Exploring the synthesis, bonding, and reactivity of organotransition metal complexes. Topics typically include organometallic ligand classification, the elementary steps of organometallic reactions, and applications in catalysis.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 465.

**Grading Status:** Letter grade.

**CHEM 460. Intermediate Organic Chemistry. 3 Credits.**

Modern topics in organic chemistry. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 262 or 262H.

**Grading Status:** Letter grade.

**CHEM 463. Bioorganic Chemistry. 3 Credits.**

Bioorganic chemistry integrates topics from synthetic chemistry, biochemistry, and biophysics to study biomacromolecules and develop tools and materials that utilize them.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 262 and CHEM 430.

**Grading Status:** Letter grade.

**CHEM 465. Mechanisms of Organic and Inorganic Reactions. 4 Credits.**

Kinetics and thermodynamics, free energy relationships, isotope effects, acidity and basicity, kinetics and mechanisms of substitution reactions, one- and two-electron transfer processes, principles and applications of photochemistry, organometallic reaction mechanisms.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 450.

**Grading Status:** Letter grade.

**CHEM 466. Advanced Organic Chemistry I. 3 Credits.**

A survey of fundamental organic reactions including substitutions, additions, elimination, and rearrangements; static and dynamic stereochemistry; conformational analysis; molecular orbital concepts and orbital symmetry.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 460.

**Grading Status:** Letter grade.

**CHEM 467. Advanced Organic Chemistry II. 2 Credits.**

Spectroscopic methods of analysis with emphasis on elucidation of the structure of organic molecules: <sup>1</sup>H and <sup>13</sup>C NMR, infrared, ultraviolet, ORD-CD, mass, and photoelectron spectroscopy.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 466.

**Grading Status:** Letter grade.

**CHEM 468. Synthetic Aspects of Organic Chemistry. 3 Credits.**

Modern synthetic methods and their application to the synthesis of complicated molecules.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 466.

**Grading Status:** Letter grade.

**CHEM 469. Organometallics and Catalysis. 3 Credits.**

Structure and reactivity of organometallic complexes and their role in modern catalytic reactions

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 450 and 466.

**Grading Status:** Letter grade.

**CHEM 470. Fundamentals of Materials Science. 3 Credits.**

Crystal geometry, diffusion in solids, mechanical properties of solids, electrical conduction in solids, thermal properties of materials, phase equilibria.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 482 or PHYS 128; Pre- or corequisite, PHYS 441.

**Grading Status:** Letter grade.

**Same as:** APPL 470.

**CHEM 472. Chemistry and Physics of Electronic Materials Processing. 3 Credits.**

Permission of the instructor. A survey of materials processing and characterization used in fabricating microelectronic devices. Crystal growth, thin film deposition and etching, and microlithography.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 482 or PHYS 117 or 119.

**Grading Status:** Letter grade.

**Same as:** PHYS 472, APPL 472.

**CHEM 473. Chemistry and Physics of Surfaces. 3 Credits.**

The structural and energetic nature of surface states and sites, experimental surface measurements, reactions on surfaces including bonding to surfaces and adsorption, interfaces.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 470.

**Grading Status:** Letter grade.

**Same as:** APPL 473.

**CHEM 480. Introduction to Biophysical Chemistry. 3 Credits.**

Does not carry credit toward graduate work in chemistry or credit toward any track of the B.S. degree with a major in chemistry. Application of thermodynamics to biochemical processes, enzyme kinetics, properties of biopolymers in solution.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 261 or 261H; and MATH 232; and PHYS 105, or 115, or 117, or 119.

**Grading Status:** Letter grade.

**CHEM 481. Physical Chemistry I. 3 Credits.**

Thermodynamics, kinetic theory, chemical kinetics.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 102 or 102H, PHYS 118 or 116; pre- or corequisites, MATH 383 and PHYS 119 or 117; C- or better required in chemistry course prerequisites.

**Grading Status:** Letter grade.

**CHEM 481L. Physical Chemistry Laboratory I. 2 Credits.**

Experiments in physical chemistry. One four-hour laboratory each week.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, CHEM 482.

**Grading Status:** Letter grade.

**CHEM 482. Physical Chemistry II. 3 Credits.**

Introduction to quantum mechanics, atomic and molecular structure, spectroscopy, statistical mechanics.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 481.

**Grading Status:** Letter grade.

**CHEM 482L. Physical Chemistry Laboratory II. 2 Credits.**

Experiments in physical chemistry. Solving thermodynamic and quantum mechanical problems using computer simulations. One three-hour laboratory and a single one-hour lecture each week.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 482.

**Grading Status:** Letter grade.

**CHEM 484. Thermodynamics and Introduction to Statistical Thermodynamics. 3 Credits.**

Thermodynamics, followed by an introduction to the classical statistical mechanics and non-equilibrium thermodynamics.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 482.

**Grading Status:** Letter grade.

**CHEM 485. Chemical Dynamics. 3 Credits.**

Experimental and theoretical aspects of atomic and molecular reaction dynamics.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 481 and 482.

**Grading Status:** Letter grade.

**CHEM 486. Introduction to Quantum Chemistry. 3 Credits.**

Introduction to the principles of quantum mechanics. Approximation methods, angular momentum, simple atoms and molecules.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 481 and 482.

**Grading Status:** Letter grade.

**CHEM 487. Introduction to Molecular Spectroscopy. 3 Credits.**

Interaction of radiation with matter; selection rules; rotational, vibrational, and electronic spectra of molecules; laser based spectroscopy and nonlinear optical effects.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 486.

**Grading Status:** Letter grade.

**CHEM 488. Quantum Chemistry. 3 Credits.**

Applications of quantum mechanics to chemistry. Molecular structure, time-dependent perturbation theory, interaction of radiation with matter.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 486.

**Grading Status:** Letter grade.

**CHEM 489. Statistical Mechanics. 3 Credits.**

Applications of statistical mechanics to chemistry. Ensemble formalism, condensed phases, nonequilibrium processes.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 484.

**Grading Status:** Letter grade.

**CHEM 492. Molecular Modeling in Chemistry. 2 Credits.**

This course is offered to first-year graduate and upper-class undergraduate students in different chemistry disciplines who are interested in gaining skills in molecular modeling using modern methodologies from computational chemistry. No prior experience is required. An overview of quantum mechanics (QM) and molecular dynamics (MD) methodologies will be provided. It will also provide extensive experiences to perform different types of computations with abundant hands-on exercises using Gaussian package for QM and LAMMPS for MD simulations.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **CHEM 520L. Polymer Chemistry Laboratory. 2 Credits.**

Various polymerization techniques and characterization methods. One four-hour laboratory each week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed: RESEARCH.**

**Making Connections Gen Ed: EE- Mentored Research.**

**Requisites:** Pre- or corequisite, CHEM 420 or 421 or 425.

**Grading Status:** Letter grade.

**Same as:** APPL 520L.

**CHEM 530L. Laboratory Techniques for Biochemistry. 3 Credits.**

An introduction to chemical techniques and research procedures of use in the fields of protein and nucleic acid chemistry. Two four-hour laboratories and one one-hour lecture a week.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, BIOL 202; pre- or co-requisite, CHEM 430.

**Grading Status:** Letter grade.

**CHEM 541L. Advanced Instrumentation and Analytical Measurement Laboratory. 2 Credits.**

A laboratory devoted to modern instrumental methods and analytical techniques. One four-hour laboratory and one one-hour lecture each week.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Pre- or corequisite, CHEM 441.

**Grading Status:** Letter grade.

**CHEM 550L. Synthetic Chemistry Laboratory I. 2 Credits.**

A laboratory devoted to synthesis and characterization of inorganic complexes and materials. A four-hour synthesis laboratory, a characterization laboratory outside of the regular laboratory period, and a one-hour recitation each week.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisites, CHEM 241L or 245L, 251, and 262L or 263L.

**Grading Status:** Letter grade.

**CHEM 551L. Honors Synthetic Chemistry Lab. 2 Credits.**

This is an honors laboratory course designed to lead you from challenging introductory experiments to five weeks of laboratory work on an independent research project. In addition to exposing you to advanced synthetic techniques, this course will allow you to use multiple modern techniques to characterize the inorganic and organometallic complexes you prepare. Students may not receive credit in both CHEM 551L and CHEM 550L.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 262L and 251.

**Grading Status:** Letter grade.

**CHEM 692H. Senior Honors Thesis. 3 Credits.**

CHEM 395 must have been in the same laboratory as 692H. Senior majors only. Required of all candidates for honors or highest honors.

**Rules & Requirements**

**Requisites:** Prerequisite, six credit hours of CHEM 395.

**Grading Status:** Letter grade.

## Contact Information

**Department of Chemistry**

Visit Program Website (<http://www.chem.unc.edu>)

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## Chemistry Major, B.A.

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. The B.A. degree provides students with a rigorous foundation in chemistry.

## Student Learning Outcomes

Upon completion of the chemistry (B.A.) program, students should be able to:

- Demonstrate a solid understanding of basic chemical principles (knowledge base in chemistry)
- Demonstrate the ability to solve chemical problems (analytical skills)
- Demonstrate the use of critical and creative thinking skills in conducting research with mentoring from a faculty member (critical thinking skills in chemistry)












## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
<b>Core Requirements</b>		
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H, F</sup> or General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1

or CHEM 245L	Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	3
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 480	Introduction to Biophysical Chemistry	3
or CHEM 481	Physical Chemistry I	
CHEM 550L	 Synthetic Chemistry Laboratory I	2
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	 Laboratory in Organic Chemistry	1
One course from the following list (three hours): <sup>1</sup>		3
CHEM 395	 Research in Chemistry for Undergraduates <sup>H</sup>	
CHEM 420	Introduction to Polymers	
CHEM 421	Synthesis of Polymers	
CHEM 431	Macromolecular Structure and Metabolism	
CHEM 432	Metabolic Chemistry and Cellular Regulatory Networks	
CHEM 441	Intermediate Analytical Chemistry	
CHEM 444	Separations	
CHEM 446	Analytical Spectroscopy	
CHEM 448	Mass Spectrometry	
CHEM 450	Intermediate Inorganic Chemistry <sup>H</sup>	
CHEM 460	Intermediate Organic Chemistry <sup>H</sup>	
CHEM 463	Bioorganic Chemistry	
CHEM 530L	 Laboratory Techniques for Biochemistry	
<b>Additional Requirements</b>		
BIOL 101	 Principles of Biology <sup>2, H, F</sup>	3
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
One of the following:		4
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	
One of the following:		4
PHYS 115	 General Physics II: For Students of the Life Sciences <sup>F</sup>	
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	
<b>Total Hours</b>		<b>52</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.














<sup>1</sup> Other courses numbered above 420 may be substituted with the permission of the instructor.




<sup>2</sup> BIOL 101 is a required prerequisite for CHEM 430.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

The recommended course sequence for the bachelor of arts degree is listed below.

Code	Title	Hours
<b>First Year</b>		
<b>First-Year Foundation Courses</b>		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
or ENGL 105I	 English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
BIOL 101	 Principles of Biology <sup>H, F</sup>	3
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102	 General Descriptive Chemistry II <sup>H, F</sup>	3
or CHEM 102H	 General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
<b>Sophomore Year</b>		
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
or CHEM 245L	Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	 Laboratory in Organic Chemistry	1
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>2, F</sup>	4
or PHYS 118	 Introductory Calculus-based Mechanics and Relativity	

PHYS 115	 General Physics II: For Students of the Life Sciences <sup>2, F</sup>	4
or PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta	
Additional Gen Ed courses (three courses)		9
<b>Junior and Senior Years</b>		
Lifetime fitness		1
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 480	Introduction to Biophysical Chemistry	3
or CHEM 481	Physical Chemistry I	
One CHEM elective course (see course list on Requirements tab) <sup>3</sup>		3
CHEM 550L	 Synthetic Chemistry Laboratory I	2
Remaining Gen Eds; Supplemental General Education; electives		47
Note: All MATH, PHYS and CHEM courses numbered < 400 must be completed prior to semester 7 to graduate in 8 semesters.		
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

<sup>2</sup> PHYS 118 and PHYS 119 are encouraged for those students considering careers as professional chemists or those students who want the option to switch from the B.A. program to the B.S. program.

<sup>3</sup> With the permission of the course instructor, CHEM 420 or other chemistry courses numbered above 420 may be substituted for the listed courses.

## Special Opportunities in Chemistry

### Honors in Chemistry

Upon the recommendation of the Department of Chemistry, the B.A. or B.S. degree with a major in chemistry may be awarded with honors in chemistry or highest honors in chemistry.

To attain the honors or highest distinction, the candidate must satisfy the following guidelines:

- Achieve an overall grade point average of 3.30 or higher.
- Achieve a chemistry major grade point average of 3.40 or higher.
- Prior to the final semester during which the honors thesis is completed, conduct two semesters or one semester plus one summer of research in the laboratory in which the thesis work will be completed.

Honors in chemistry is a distinction bestowed on an outstanding student who has completed a research project of considerable merit, as certified by the research advisor and two faculty members appointed by the director of undergraduate studies.

Highest honors in chemistry is a distinction bestowed on a truly exceptional student who has completed a research project of considerable depth and significance that meets the most rigorous standards of scholarly excellence, as certified by the research advisor and two faculty members appointed by the director of undergraduate studies.

Students who wish to complete an honors thesis should begin planning their course programs and research activities during or before the junior year so that ample time and effort may be devoted to research.

### Departmental Involvement

Majors are encouraged to participate in Alpha Chi Sigma (chemistry fraternity) and the undergraduate advisory board.

### Laboratory Teaching Internships and Assistantships

Undergraduates have the opportunity to serve as laboratory teaching assistants for entry-level undergraduate laboratory courses.

### Special Topics

Special topics not offered through the normal course sequence may be pursued through directed reading and registration in CHEM 396 with the approval of the supervising faculty member, advisor, and vice chair for undergraduate studies. An approved learning contract is required, and students must be registered no later than the end of the second week of classes (fall and spring semesters).

### Undergraduate Awards

Excellent performances by undergraduates in chemistry are recognized by the department through the following awards:

- Francis P. Venable Medal: A medallion and cash award are presented to the two most outstanding graduating seniors majoring in chemistry in honor of Dr. Francis P. Venable, who was chair of the department, president of the University from 1900 to 1914, and president of the American Chemical Society.
- Emmett Gladstone Rand Premedical Scholarship: This scholarship is presented to exceptionally talented graduating seniors intending to pursue a career in medicine.
- David L. Stern Scholar: Top students from upper-division laboratory courses are chosen for this cash award.
- Jason D. Altom Memorial Award for Undergraduate Research: This award recognizes research potential of an undergraduate chemistry major.
- James H. Maguire Memorial Award: This award recognizes an outstanding and academically gifted junior student majoring in chemistry.
- Tanya R. Ellison Scholarship: A junior female B.S. chemistry major is selected for this cash award on the basis of character and academic commitment.
- Carrie Ann Largent Scholarship: This merit based scholarship is awarded annually to senior chemistry majors.
- Alpha Chi Sigma Sophomore Chemist Award: A cash award is given annually to the top sophomore chemistry student from the previous academic year, as determined by a search committee including members of Alpha Chi Sigma.
- J. Thurman Freeze Scholarship: This scholarship serves to fund summer research between a student's junior and senior years.
- E.C. Markham Summer Research Fund: The department chair selects the recipient of this award, who will use the salary to perform research between the junior and senior years.

- Chapel Family Student Excellence Fund: This award supports undergraduate chemistry majors through research and travel support.
- Matthew Neely Jackson Undergraduate Research Award: This award provides support for undergraduate chemistry majors to conduct faculty-mentored summer research.
- Tommie and Billie Hinton Undergraduate Research Fellowship: This award provides support for undergraduate chemistry majors to conduct faculty-mentored summer research to support the development of gender equality, diversity and inclusiveness within the chemistry department.
- Alan Rauch and Merrill King Undergraduate Student Research Fund: This award supports undergraduate student research in the Department of Chemistry.

## Undergraduate Research

Undergraduates find research to be an exciting and rewarding experience. Undergraduate research can help them acquire a spirit of inquiry, initiative, independence, sound judgment, patience, persistence, alertness, and the ability to use the chemical literature. Undergraduate research also affords an opportunity to make pioneering discoveries at the forefront of science, using instrumentation and techniques far more sophisticated than those usually encountered in standard laboratory courses.


More than 80 students are involved in undergraduate research projects in chemistry each year. Although successful completion of an undergraduate research project is a requirement for graduation with honors or highest honors (see above), it is not necessary to be a participant in Honors Carolina to undertake a research project.


The usual mechanism for becoming involved in a research project involves making direct contact with faculty researchers to inquire about research opportunities. The Chemistry Student Services Office also maintains a list of undergraduate research opportunities. This process begins well in advance of a preregistration or registration period. Once a research opportunity is identified, a student will register for CHEM 395.

CHEM 395 and CHEM 396 together may be taken for credit as many times as desired but may be counted for no more than nine hours total credit toward graduation in either the B.A. or B.S. traditional and polymer tracks and for no more than six hours in the B.S. biochemistry track. In the B.S. curriculum CHEM 395 may be counted no more than once as an advanced chemistry elective.

## UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC–BEST students also fulfill teaching licensure coursework requirements as well as many General Education and elective requirements as they complete courses in teaching and learning.

Code	Title	Hours
<b>Pedagogy Course</b>		
EDUC 760	Methods and Materials for Teaching Secondary/ K-12 Subjects I	3
<b>Educational Foundations</b>		
EDUC 532	 Human Development and Learning	3

EDUC 615	Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
<b>Student Teaching</b>		
EDUC 593	 Internship/Student Teaching (final semester)	12
<b>Seminar</b>		
EDUC 601	Education Workshops (must be completed during student teaching semester)	1
<b>Total Hours</b>		<b>25</b>

For more details on admission requirements, application deadlines, and instructions for submitting an online application, visit the School of Education website.

## Department Programs

### Majors

- Chemistry Major, B.A. (p. 276)
- Chemistry Major, B.S. (p. 279)
- Chemistry Major, B.S.–Biochemistry Track (p. 283)
- Chemistry Major, B.S.–Polymer Track (p. 286)

### Minor

- Chemistry Minor (p. 290)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)

## Contact Information

### Department of Chemistry

Visit Program Website (<http://www.chem.unc.edu>)

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### Chemistry Student Services Coordinator

Jill Fallin  
[chemus@unc.edu](mailto:chemus@unc.edu)

## Chemistry Major, B.S.

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. The B.S. degree enables students to choose to concentrate in one or more areas of chemistry through the courses

selected to fulfill the chemistry elective requirements and through undergraduate research.

## Student Learning Outcomes

Upon completion of the chemistry B.S. program, students are expected to be able to:

- Demonstrate a solid understanding of basic chemical principles (knowledge base in chemistry)
- Demonstrate the ability to solve chemical problems (analytical skills)
- Demonstrate the use of critical and creative thinking skills in conducting research with mentoring from a faculty member (critical thinking skills in chemistry)

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>F</sup>	4
<b>Core Requirements</b>		
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H, F</sup> General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L or CHEM 245L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	1
CHEM 251	Introduction to Inorganic Chemistry	3
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L or CHEM 482L	Physical Chemistry Laboratory I Physical Chemistry Laboratory II	2
CHEM 482	Physical Chemistry II	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L or CHEM 263L	Laboratory in Organic Chemistry Honors Laboratory in Organic Chemistry	1
Fifteen hours of advanced chemistry elective courses (one laboratory course is required) from the following list:		

CHEM 395	Research in Chemistry for Undergraduates (may count as a laboratory course) <sup>H</sup>	
Any course numbered CHEM 420 or higher		
One capstone laboratory course is required from the following list		2
CHEM 520L	Polymer Chemistry Laboratory	
CHEM 541L	Advanced Instrumentation and Analytical Measurement Laboratory	
CHEM 550L	Synthetic Chemistry Laboratory I	
CHEM 551L	Honors Synthetic Chemistry Lab	
CHEM 530L	Laboratory Techniques for Biochemistry	
<b>Additional Requirements</b>		
BIOL 101	Principles of Biology <sup>H, F</sup>	3
MATH 232	Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>1, H</sup>	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>F</sup>	4
<b>Total Hours</b>		<b>72</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The recommended course sequence for the bachelor of science degree is listed below. Courses in chemistry and other courses specifically required (and designated by number) may not be declared Pass/Fail.

Code	Title	Hours
<b>First and Sophomore Years</b>		
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3



or ENGL 105I	English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
BIOL 101	Principles of Biology <sup>H, F</sup>	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>F</sup>	4
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H, F</sup>	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
or CHEM 245L	Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262 or CHEM 262H	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L or CHEM 263L	Laboratory in Organic Chemistry Honors Laboratory in Organic Chemistry	1
MATH 232	Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>1, H</sup>	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>F</sup>	4
Additional Gen Ed and electives		6
<b>Junior and Senior Years</b>		
<b>Note: CHEM 481 and ALL Math, Phys and Chem courses numbered &lt; 400 must be completed prior to semester 7 to avoid scheduling conflicts preventing 8 semester graduation.</b>		
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L or CHEM 482L	Physical Chemistry Laboratory I Physical Chemistry Laboratory II	2
CHEM 482	Physical Chemistry II	3
Advanced chemistry electives (15 hours, one laboratory course required) <sup>2</sup>		15
Capstone Laboratory Course chosen from: CHEM 520L, 530L, 541L, 550L, 481L/482L		2
Remaining Gen Eds and electives		27
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

<sup>2</sup> CHEM 395 may be taken for credit as many times as desired but may be counted for no more than nine hours of total credit toward fulfillment of graduation requirements. Additionally, CHEM 395 may not be counted more than once as an advanced chemistry elective in the B.S. chemistry degree, B.S. chemistry degree (biochemistry track), or B.S. chemistry degree (polymer track). Only one of CHEM 395 or CHEM 396 may be counted as an advanced chemistry elective. Students must sign up for CHEM 395 and CHEM 396 within the first week of classes. CHEM 396 may only be counted as an advanced chemistry elective with departmental permission.

## Special Opportunities in Chemistry

### Honors in Chemistry

Upon the recommendation of the Department of Chemistry, the B.A. or B.S. degree with a major in chemistry may be awarded with honors in chemistry or highest honors in chemistry.

To attain the honors or highest distinction, the candidate must satisfy the following guidelines:

- Achieve an overall grade point average of 3.30 or higher.
- Achieve a chemistry major grade point average of 3.40 or higher.
- Prior to the final semester during which the honors thesis is completed, conduct two semesters or one semester plus one summer of research in the laboratory in which the thesis work will be completed.

Honors in chemistry is a distinction bestowed on an outstanding student who has completed a research project of considerable merit, as certified by the research advisor and two faculty members appointed by the director of undergraduate studies.

Highest honors in chemistry is a distinction bestowed on a truly exceptional student who has completed a research project of considerable depth and significance that meets the most rigorous standards of scholarly excellence, as certified by the research advisor and two faculty members appointed by the director of undergraduate studies.

Students who wish to complete an honors thesis should begin planning their course programs and research activities during or before the junior year so that ample time and effort may be devoted to research.

### Departmental Involvement

Majors are encouraged to participate in Alpha Chi Sigma (chemistry fraternity) and the undergraduate advisory board.

## Laboratory Teaching Internships and Assistantships

Undergraduates have the opportunity to serve as laboratory teaching assistants for entry-level undergraduate laboratory courses.

## Special Topics

Special topics not offered through the normal course sequence may be pursued through directed reading and registration in CHEM 396 with the approval of the supervising faculty member, advisor, and vice chair for undergraduate studies. An approved learning contract is required, and students must be registered no later than the end of the second week of classes (fall and spring semesters).

## Undergraduate Awards

Excellent performances by undergraduates in chemistry are recognized by the department through the following awards:

- Francis P. Venable Medal: A medallion and cash award are presented to the two most outstanding graduating seniors majoring in chemistry in honor of Dr. Francis P. Venable, who was chair of the department, president of the University from 1900 to 1914, and president of the American Chemical Society.
- Emmett Gladstone Rand Premedical Scholarship: This scholarship is presented to exceptionally talented graduating seniors intending to pursue a career in medicine.
- David L. Stern Scholar: Top students from upper-division laboratory courses are chosen for this cash award.
- Jason D. Altom Memorial Award for Undergraduate Research: This award recognizes research potential of an undergraduate chemistry major.
- James H. Maguire Memorial Award: This award recognizes an outstanding and academically gifted junior student majoring in chemistry.
- Tanya R. Ellison Scholarship: A junior female B.S. chemistry major is selected for this cash award on the basis of character and academic commitment.
- Carrie Ann Largent Scholarship: This merit based scholarship is awarded annually to senior chemistry majors.
- Alpha Chi Sigma Sophomore Chemist Award: A cash award is given annually to the top sophomore chemistry student from the previous academic year, as determined by a search committee including members of Alpha Chi Sigma.
- J. Thurman Freeze Scholarship: This scholarship serves to fund summer research between a student's junior and senior years.
- E.C. Markham Summer Research Fund: The department chair selects the recipient of this award, who will use the salary to perform research between the junior and senior years.
- Chapel Family Student Excellence Fund: This award supports undergraduate chemistry majors through research and travel support.
- Matthew Neely Jackson Undergraduate Research Award: This award provides support for undergraduate chemistry majors to conduct faculty-mentored summer research.
- Tommie and Billie Hinton Undergraduate Research Fellowship: This award provides support for undergraduate chemistry majors to conduct faculty-mentored summer research to support the development of gender equality, diversity and inclusiveness within the chemistry department.

- Alan Rauch and Merrill King Undergraduate Student Research Fund: This award supports undergraduate student research in the Department of Chemistry.

## Undergraduate Research

Undergraduates find research to be an exciting and rewarding experience. Undergraduate research can help them acquire a spirit of inquiry, initiative, independence, sound judgment, patience, persistence, alertness, and the ability to use the chemical literature. Undergraduate research also affords an opportunity to make pioneering discoveries at the forefront of science, using instrumentation and techniques far more sophisticated than those usually encountered in standard laboratory courses.



More than 80 students are involved in undergraduate research projects in chemistry each year. Although successful completion of an undergraduate research project is a requirement for graduation with honors or highest honors (see above), it is not necessary to be a participant in Honors Carolina to undertake a research project.

The usual mechanism for becoming involved in a research project involves making direct contact with faculty researchers to inquire about research opportunities. The Chemistry Student Services Office also maintains a list of undergraduate research opportunities. This process begins well in advance of a preregistration or registration period. Once a research opportunity is identified, a student will register for CHEM 395.

CHEM 395 and CHEM 396 together may be taken for credit as many times as desired but may be counted for no more than nine hours total credit toward graduation in either the B.A. or B.S. traditional and polymer tracks and for no more than six hours in the B.S. biochemistry track. In the B.S. curriculum CHEM 395 may be counted no more than once as an advanced chemistry elective.

## UNC-BEST

The UNC Baccalaureate Education in Science and Teaching (UNC-BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC-BEST students also fulfill teaching licensure coursework requirements as well as many General Education and elective requirements as they complete courses in teaching and learning.

Code	Title	Hours
<b>Pedagogy Course</b>		
EDUC 760	Methods and Materials for Teaching Secondary/K-12 Subjects I	3
<b>Educational Foundations</b>		
EDUC 532	 Human Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
<b>Student Teaching</b>		
EDUC 593	 Internship/Student Teaching (final semester)	12
<b>Seminar</b>		
EDUC 601	Education Workshops (must be completed during student teaching semester)	1
<b>Total Hours</b>		<b>25</b>

For more details on admission requirements, application deadlines, and instructions for submitting an online application, visit the School of Education website.

## Department Programs

### Majors

- Chemistry Major, B.A. (p. 276)
- Chemistry Major, B.S. (p. 279)
- Chemistry Major, B.S.–Biochemistry Track (p. 283)
- Chemistry Major, B.S.–Polymer Track (p. 286)

### Minor

- Chemistry Minor (p. 290)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)

## Contact Information

### Department of Chemistry

Visit Program Website (<http://www.chem.unc.edu>)

Morehead, Caudill, Venable, Murray, Genome Sciences and Kenan Laboratories, CB# 3290  
(919) 843-7100

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### Director of Undergraduate Studies

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### Chemistry Student Services Coordinator

Jill Fallin  
[chemus@unc.edu](mailto:chemus@unc.edu)

## Chemistry Major, B.S.–Biochemistry Track

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. The B.S. chemistry, biochemistry track degree provides students with the opportunity to specialize in biochemistry and chemical biology.

## Student Learning Outcomes

Upon completion of the chemistry B.S. program, students are expected to be able to:

- Demonstrate a solid understanding of basic chemical principles (knowledge base in chemistry)

- Demonstrate the ability to solve chemical problems (analytical skills)
- Demonstrate the use of critical and creative thinking skills in conducting research with mentoring from a faculty member (critical thinking skills in chemistry)

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>F</sup>	4
<b>Core Requirements</b>		
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H, F</sup> or General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
	or CHEM 245L Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	3
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 431	Macromolecular Structure and Metabolism	3
CHEM 432	Metabolic Chemistry and Cellular Regulatory Networks	3
CHEM 481	Physical Chemistry I	3
CHEM 481L or CHEM 482L	Physical Chemistry Laboratory I or Physical Chemistry Laboratory II	2
CHEM 482	Physical Chemistry II	3
CHEM 530L	Laboratory Techniques for Biochemistry	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L or CHEM 263L	Laboratory in Organic Chemistry or Honors Laboratory in Organic Chemistry	1
<b>Additional Requirements</b>		
BIOL 101	Principles of Biology <sup>H, F</sup>	3
BIOL 101L	Introductory Biology Laboratory	1
BIOL 103	How Cells Function <sup>F</sup>	3
BIOL 220	Molecular Genetics	3

MATH 232	Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>1, H</sup>	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>F</sup>	4
<b>Total Hours</b>		<b>71</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The recommended course sequence for the bachelor of science (biochemistry track) degree is listed below. Courses in chemistry and other courses specifically required (and designated by number) may not be declared Pass/Fail.

Code	Title	Hours
<b>First and Sophomore Years</b>		
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
or ENGL 105I	English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
BIOL 101 & 101L	Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
CHEM 101 & 101L	General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>F</sup>	4

BIOL 103	How Cells Function <sup>F</sup>	3
BIOL 220	Molecular Genetics	3
CHEM 102	General Descriptive Chemistry II <sup>H, F</sup>	3
or CHEM 102H	General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
or CHEM 245L	Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 251	Introduction to Inorganic Chemistry	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
or CHEM 263L	Honors Laboratory in Organic Chemistry	
MATH 232	Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>1, H</sup>	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>F</sup>	4
Gen Ed courses		6

### Junior and Senior Years

**Note: CHEM 481 and ALL Biol, Math, Phys and Chem courses numbered < 400 must be completed prior to semester 7 to avoid scheduling conflicts preventing 8 semester graduation.**

CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L	Physical Chemistry Laboratory I	2
or CHEM 482L	Physical Chemistry Laboratory II	
CHEM 482	Physical Chemistry II	3
CHEM 530L	Laboratory Techniques for Biochemistry	3
CHEM 431	Macromolecular Structure and Metabolism	3
CHEM 432	Metabolic Chemistry and Cellular Regulatory Networks	3
Remaining Gen Eds and electives		28
<b>Total Hours</b>		<b>120</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

<sup>2</sup> CHEM 395 may be taken for credit as many times as desired but may be counted for no more than nine hours of total credit toward fulfillment of graduation requirements. Students must sign up for CHEM 395 and CHEM 396 within the first week of classes

## Special Opportunities in Chemistry

### Honors in Chemistry

Upon the recommendation of the Department of Chemistry, the B.A. or B.S. degree with a major in chemistry may be awarded with honors in chemistry or highest honors in chemistry.

To attain the honors or highest distinction, the candidate must satisfy the following guidelines:

- Achieve an overall grade point average of 3.30 or higher.
- Achieve a chemistry major grade point average of 3.40 or higher.
- Prior to the final semester during which the honors thesis is completed, conduct two semesters or one semester plus one summer of research in the laboratory in which the thesis work will be completed.

Honors in chemistry is a distinction bestowed on an outstanding student who has completed a research project of considerable merit, as certified by the research advisor and two faculty members appointed by the director of undergraduate studies.

Highest honors in chemistry is a distinction bestowed on a truly exceptional student who has completed a research project of considerable depth and significance that meets the most rigorous standards of scholarly excellence, as certified by the research advisor and two faculty members appointed by the director of undergraduate studies.

Students who wish to complete an honors thesis should begin planning their course programs and research activities during or before the junior year so that ample time and effort may be devoted to research.

### Departmental Involvement

Majors are encouraged to participate in Alpha Chi Sigma (chemistry fraternity) and the undergraduate advisory board.

### Laboratory Teaching Internships and Assistantships

Undergraduates have the opportunity to serve as laboratory teaching assistants for entry-level undergraduate laboratory courses.

### Special Topics

Special topics not offered through the normal course sequence may be pursued through directed reading and registration in CHEM 396 with the approval of the supervising faculty member, advisor, and vice chair for undergraduate studies. An approved learning contract is required, and students must be registered no later than the end of the second week of classes (fall and spring semesters).

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Excellent performances by undergraduates in chemistry are recognized by the department through the following awards:

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- Jason D. Altom Memorial Award for Undergraduate Research: This award recognizes research potential of an undergraduate chemistry major.
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- J. Thurman Freeze Scholarship: This scholarship serves to fund summer research between a student's junior and senior years.
- E.C. Markham Summer Research Fund: The department chair selects the recipient of this award, who will use the salary to perform research between the junior and senior years.
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### Undergraduate Research

Undergraduates find research to be an exciting and rewarding experience. Undergraduate research can help them acquire a spirit of inquiry, initiative, independence, sound judgment, patience, persistence, alertness, and the ability to use the chemical literature. Undergraduate research also affords an opportunity to make pioneering discoveries at the forefront of science, using instrumentation and techniques far more sophisticated than those usually encountered in standard laboratory courses.

More than 80 students are involved in undergraduate research projects in chemistry each year. Although successful completion of an undergraduate research project is a requirement for graduation with honors or highest honors (see above), it is not necessary to be a participant in Honors Carolina to undertake a research project.



The usual mechanism for becoming involved in a research project involves making direct contact with faculty researchers to inquire about research opportunities. The Chemistry Student Services Office also maintains a list of undergraduate research opportunities. This process

begins well in advance of a preregistration or registration period. Once a research opportunity is identified, a student will register for CHEM 395.

CHEM 395 and CHEM 396 together may be taken for credit as many times as desired but may be counted for no more than nine hours total credit toward graduation in either the B.A. or B.S. traditional and polymer tracks and for no more than six hours in the B.S. biochemistry track. In the B.S. curriculum CHEM 395 may be counted no more than once as an advanced chemistry elective.

## UNC–BEST

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Code	Title	Hours
<b>Pedagogy Course</b>		
EDUC 760	Methods and Materials for Teaching Secondary/K-12 Subjects I	3
<b>Educational Foundations</b>		
EDUC 532	 Human Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
<b>Student Teaching</b>		
EDUC 593	 Internship/Student Teaching (final semester)	12
<b>Seminar</b>		
EDUC 601	Education Workshops (must be completed during student teaching semester)	1
<b>Total Hours</b>		<b>25</b>

For more details on admission requirements, application deadlines, and instructions for submitting an online application, visit the School of Education website.

## Department Programs

### Majors

- Chemistry Major, B.A. (p. 276)
- Chemistry Major, B.S. (p. 279)
- Chemistry Major, B.S.–Biochemistry Track (p. 283)
- Chemistry Major, B.S.–Polymer Track (p. 286)

### Minor

- Chemistry Minor (p. 290)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)

- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)

## Contact Information

### Department of Chemistry

Visit Program Website (<http://www.chem.unc.edu>)

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(919) 843-7100

### Chair

Wei You  
chemchair@unc.edu

### Director of Undergraduate Studies

Jillian Dempsey  
dempseyj@email.unc.edu

### Chemistry Student Services Coordinator

Jill Fallin  
chemus@unc.edu

## Chemistry Major, B.S.–Polymer Track

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. All chemists have a common core of knowledge, learned through a highly structured sequence of undergraduate courses in which the content is divided into the classical subdisciplines. The B.S. chemistry, polymer track degree provides students with the opportunity to specialize in polymer chemistry.

## Student Learning Outcomes

Upon completion of the chemistry B.S. program, students are expected to be able to:

- Demonstrate a solid understanding of basic chemical principles (knowledge base in chemistry)
- Demonstrate the ability to solve chemical problems (analytical skills)
- Demonstrate the use of critical and creative thinking skills in conducting research with mentoring from a faculty member (critical thinking skills in chemistry)

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

*This program meets the requirements of the American Chemical Society for the training of professional chemists.*

Code	Title	Hours
<b>Gateway Course</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>F</sup>	4
<b>Core Requirements</b>		
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H, F</sup> General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L or CHEM 245L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	1
CHEM 251	Introduction to Inorganic Chemistry	3
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L or CHEM 482L	Physical Chemistry Laboratory I Physical Chemistry Laboratory II	2
CHEM 482	Physical Chemistry II	3
CHEM 520L	Polymer Chemistry Laboratory	2
CHEM 550L	Synthetic Chemistry Laboratory I	2
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L or CHEM 263L	Laboratory in Organic Chemistry Honors Laboratory in Organic Chemistry	1
Three advanced polymer chemistry electives from:		
CHEM 420	Introduction to Polymers	9
CHEM 421	Synthesis of Polymers	
CHEM 422	Physical Chemistry of Polymers	
CHEM 423	Intermediate Polymer Chemistry	
CHEM 425	Polymer Materials	
One advanced chemistry elective from CHEM 395 or any chemistry course numbered higher than CHEM 420 (at least three hours)		
<b>Additional Requirements</b>		
BIOL 101	Principles of Biology <sup>H, F</sup>	3
MATH 232	Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>1, H</sup>	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>F</sup>	4
<b>Total Hours</b>		<b>71</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.







<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The recommended course sequence for the bachelor of science (polymer track) degree is listed below. Courses in chemistry and other courses specifically required (and designated by number) may not be declared Pass/Fail.

Code	Title	Hours
<b>First and Sophomore Years</b>		
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		
Triple-I and Data Literacy (p. 1179)		
Global Language through level 3 (p. 1180)		
<b>Major Courses:</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
BIOL 101	Principles of Biology <sup>H, F</sup>	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>F</sup>	4
CHEM 102 or CHEM 102H	General Descriptive Chemistry II <sup>H, F</sup> General Descriptive Chemistry II	3
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L or CHEM 245L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	1
CHEM 251	Introduction to Inorganic Chemistry	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1

or CHEM 263L Honors Laboratory in Organic Chemistry		
MATH 232	 Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>1, H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>1, H</sup>	3
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>F</sup>	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>F</sup>	4
Gen Ed courses		6
<b>Junior and Senior Years</b>		
<b>Note: CHEM 481 and ALL Math, Phys and Chem courses numbered &lt; 400 must be completed prior to semester 7 to avoid scheduling conflicts preventing 8 semester graduation.</b>		
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
CHEM 481	Physical Chemistry I	3
CHEM 481L	Physical Chemistry Laboratory I	2
or CHEM 482L Physical Chemistry Laboratory II		
CHEM 482	Physical Chemistry II	3
CHEM 520L	 Polymer Chemistry Laboratory	2
CHEM 550L	 Synthetic Chemistry Laboratory I	2
Polymer electives. Three courses from:		9
CHEM 420	Introduction to Polymers	
CHEM 421	Synthesis of Polymers	
CHEM 422	Physical Chemistry of Polymers	
CHEM 423	Intermediate Polymer Chemistry	
Advanced chemistry elective <sup>2,3</sup>		3
Remaining Gen Eds and electives		28
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Placement (PL) credits (zero hours) for MATH 232, MATH 233, or MATH 383 do not satisfy chemistry major requirements.

<sup>2</sup> CHEM 395 may be taken for credit as many times as desired but may be counted for no more than nine hours of total credit toward fulfillment of graduation requirements. Students must sign up for CHEM 395 within the first week of classes.

<sup>3</sup> CHEM 395 and chemistry courses numbered 420 or higher.

## Special Opportunities in Chemistry

### Honors in Chemistry

Upon the recommendation of the Department of Chemistry, the B.A. or B.S. degree with a major in chemistry may be awarded with honors in chemistry or highest honors in chemistry.

To attain the honors or highest distinction, the candidate must satisfy the following guidelines:

- Achieve an overall grade point average of 3.30 or higher.
- Achieve a chemistry major grade point average of 3.40 or higher.
- Prior to the final semester during which the honors thesis is completed, conduct two semesters or one semester plus one summer of research in the laboratory in which the thesis work will be completed.

Honors in chemistry is a distinction bestowed on an outstanding student who has completed a research project of considerable merit, as certified by the research advisor and two faculty members appointed by the director of undergraduate studies.

Highest honors in chemistry is a distinction bestowed on a truly exceptional student who has completed a research project of considerable depth and significance that meets the most rigorous standards of scholarly excellence, as certified by the research advisor and two faculty members appointed by the director of undergraduate studies.

Students who wish to complete an honors thesis should begin planning their course programs and research activities during or before the junior year so that ample time and effort may be devoted to research.

### Departmental Involvement

Majors are encouraged to participate in Alpha Chi Sigma (chemistry fraternity) and the undergraduate advisory board.

### Laboratory Teaching Internships and Assistantships

Undergraduates have the opportunity to serve as laboratory teaching assistants for entry-level undergraduate laboratory courses.

### Special Topics

Special topics not offered through the normal course sequence may be pursued through directed reading and registration in CHEM 396 with the approval of the supervising faculty member, advisor, and vice chair for undergraduate studies. An approved learning contract is required, and students must be registered no later than the end of the second week of classes (fall and spring semesters).

### Undergraduate Awards

Excellent performances by undergraduates in chemistry are recognized by the department through the following awards:

- Francis P. Venable Medal: A medallion and cash award are presented to the two most outstanding graduating seniors majoring in chemistry in honor of Dr. Francis P. Venable, who was chair of the department, president of the University from 1900 to 1914, and president of the American Chemical Society.
- Emmett Gladstone Rand Premedical Scholarship: This scholarship is presented to exceptionally talented graduating seniors intending to pursue a career in medicine.
- David L. Stern Scholar: Top students from upper-division laboratory courses are chosen for this cash award.
- Jason D. Altom Memorial Award for Undergraduate Research: This award recognizes research potential of an undergraduate chemistry major.
- James H. Maguire Memorial Award: This award recognizes an outstanding and academically gifted junior student majoring in chemistry.



- Tanya R. Ellison Scholarship: A junior female B.S. chemistry major is selected for this cash award on the basis of character and academic commitment.
- Carrie Ann Largent Scholarship: This merit based scholarship is awarded annually to senior chemistry majors.
- Alpha Chi Sigma Sophomore Chemist Award: A cash award is given annually to the top sophomore chemistry student from the previous academic year, as determined by a search committee including members of Alpha Chi Sigma.
- J. Thurman Freeze Scholarship: This scholarship serves to fund summer research between a student's junior and senior years.
- E.C. Markham Summer Research Fund: The department chair selects the recipient of this award, who will use the salary to perform research between the junior and senior years.
- Chapel Family Student Excellence Fund: This award supports undergraduate chemistry majors through research and travel support.
- Matthew Neely Jackson Undergraduate Research Award: This award provides support for undergraduate chemistry majors to conduct faculty-mentored summer research.
- Tommie and Billie Hinton Undergraduate Research Fellowship: This award provides support for undergraduate chemistry majors to conduct faculty-mentored summer research to support the development of gender equality, diversity and inclusiveness within the chemistry department.
- Alan Rauch and Merrill King Undergraduate Student Research Fund: This award supports undergraduate student research in the Department of Chemistry.

## Undergraduate Research

Undergraduates find research to be an exciting and rewarding experience. Undergraduate research can help them acquire a spirit of inquiry, initiative, independence, sound judgment, patience, persistence, alertness, and the ability to use the chemical literature. Undergraduate research also affords an opportunity to make pioneering discoveries at the forefront of science, using instrumentation and techniques far more sophisticated than those usually encountered in standard laboratory courses.

More than 80 students are involved in undergraduate research projects in chemistry each year. Although successful completion of an undergraduate research project is a requirement for graduation with honors or highest honors (see above), it is not necessary to be a participant in Honors Carolina to undertake a research project.



The usual mechanism for becoming involved in a research project involves making direct contact with faculty researchers to inquire about research opportunities. The Chemistry Student Services Office also maintains a list of undergraduate research opportunities. This process begins well in advance of a preregistration or registration period. Once a research opportunity is identified, a student will register for CHEM 395.

CHEM 395 and CHEM 396 together may be taken for credit as many times as desired but may be counted for no more than nine hours total credit toward graduation in either the B.A. or B.S. traditional and polymer tracks and for no more than six hours in the B.S. biochemistry track. In the B.S. curriculum CHEM 395 may be counted no more than once as an advanced chemistry elective.

## UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the

College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC–BEST students also fulfill teaching licensure coursework requirements as well as many General Education and elective requirements as they complete courses in teaching and learning.

Code	Title	Hours
<b>Pedagogy Course</b>		
EDUC 760	Methods and Materials for Teaching Secondary/ K-12 Subjects I	3
<b>Educational Foundations</b>		
EDUC 532	 Human Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
<b>Student Teaching</b>		
EDUC 593	 Internship/Student Teaching (final semester)	12
<b>Seminar</b>		
EDUC 601	Education Workshops (must be completed during student teaching semester)	1
<b>Total Hours</b>		<b>25</b>

For more details on admission requirements, application deadlines, and instructions for submitting an online application, visit the School of Education website.

## Department Programs

### Majors

- Chemistry Major, B.A. (p. 276)
- Chemistry Major, B.S. (p. 279)
- Chemistry Major, B.S.–Biochemistry Track (p. 283)
- Chemistry Major, B.S.–Polymer Track (p. 286)

### Minor

- Chemistry Minor (p. 290)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- Ph.D. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)

## Contact Information

### Department of Chemistry

Visit Program Website (<http://www.chem.unc.edu>)  
Morehead, Caudill, Venable, Murray, Genome Sciences and Kenan Laboratories, CB# 3290  
(919) 843-7100

### Chair

Wei You  
[chemchair@unc.edu](mailto:chemchair@unc.edu)

**Director of Undergraduate Studies**

Jillian Dempsey  
dempseyj@email.unc.edu

**Chemistry Student Services Coordinator**

Jill Fallin  
chemus@unc.edu

## Chemistry Minor

Chemistry is the scientific study of the composition and properties of matter and the investigation of the laws that govern them. The chemistry minor provides a solid background in chemistry for students choosing to pursue other major fields and careers in the health sciences.




## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor in chemistry consists of the following seven courses:

Code	Title	Hours
<b>Core Requirements</b>		
CHEM 102	 General Descriptive Chemistry II <sup>H, F</sup>	3
	or CHEM 102H  General Descriptive Chemistry II	
CHEM 102L	Quantitative Chemistry Laboratory II	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
	or CHEM 245L Honors Laboratory in Separations and Analytical Characterization of Organic and Biological Compound	
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	 Laboratory in Organic Chemistry	1
	or CHEM 263L Honors Laboratory in Organic Chemistry	
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

See the program page here (p. 278) for special opportunities.

## Department Programs

### Majors

- Chemistry Major, B.A. (p. 276)
- Chemistry Major, B.S. (p. 279)
- Chemistry Major, B.S.–Biochemistry Track (p. 283)
- Chemistry Major, B.S.–Polymer Track (p. 286)

### Minor

- Chemistry Minor (p. 290)

### Graduate Programs

- M.A. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
- M.S. in Chemistry (<http://catalog.unc.edu/graduate/schools-departments/chemistry/>)
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### Chair

Wei You  
chemchair@unc.edu

### Director of Undergraduate Studies

Jillian Dempsey  
dempseyj@email.unc.edu

### Chemistry Student Services Coordinator

Jill Fallin  
chemus@unc.edu

## Department of City and Regional Planning

### Introduction

City and regional planning is an interdisciplinary field that seeks to improve the quality of life for people in human settlements. Planners are involved, for example, in forecasting alternative futures of a city or region, guiding the type and location of new development, analyzing transportation systems, encouraging economic development, protecting the environment, mediating diverse interests, and revitalizing urban neighborhoods. They are involved in designing solutions to pressing societal problems such as urban sprawl, unemployment, homelessness, environmental pollution, and urban decay.

City and regional planners work for a variety of public, nonprofit, and private organizations. In the public sector local, state, and federal governments all employ city and regional planners. In the nonprofit sector, planners work for national, state, and local advocacy groups promoting sustainable development. In the private sector, planners work for development companies and consulting firms.

For undergraduates the Department of City and Regional Planning offers basic coursework, opportunities for supervised practical experience, and an academic minor. Undergraduate students take courses in the department for several reasons: to learn about cities and planning processes, to enrich or expand their current area of interest in different aspects of urbanization, or to explore the possibility of graduate work leading to a career in planning. Planning courses allow students to see how the arts and sciences can be applied to improve the prosperity and livability of cities, towns, and regions. In this way they help students deepen their appreciation of their major field of study. Some planning courses may fulfill General Education requirements.

## Advising

The department's director of undergraduate studies serves as the primary point of contact for students participating in the minor. (See contact tab above.) Student advising and approval of equivalent courses are handled by the director. Students also have a primary academic advisor assigned in ConnectCarolina.

## Facilities

The Department of City and Regional Planning is located in New East Building on Cameron Avenue. An important resource available to the department is the Center for Urban and Regional Studies, located in Hickerson House, where the research and service programs of the department are housed. The department also has strong ties to the Institute for the Environment. Other research centers that are of interest are Center for Community Capital, Program on Chinese Cities, Carolina Transportation Program, and the UNC Hazards Center.

## Graduate School and Career Opportunities

Undergraduates interested in a career in city and regional planning can pursue postgraduate work in planning at UNC–Chapel Hill. The Department of City and Regional Planning offers several degree programs at the graduate level. A two-year program preparing students for advanced positions in professional practice in city and regional planning leads to the degree of master in city and regional planning. A program leading to the degree of doctor of philosophy prepares for careers in teaching and research. Dual graduate degree programs are offered in collaboration with related professional programs (law, business, public administration, public health, landscape architecture, and environmental sciences and engineering).

For more information please contact Student Services Manager Sarah Ward ([sarahw1@unc.edu](mailto:sarahw1@unc.edu)).

### Minor

- Urban Studies and Planning Minor (p. 297)

### Graduate Programs

- M.C.R.P. in City and Regional Planning (<http://catalog.unc.edu/graduate/schools-departments/city-regional-planning/>)
- Ph.D. in City and Regional Planning (<http://catalog.unc.edu/graduate/schools-departments/city-regional-planning/>)

## Professors

Todd BenDor, Nichola Lowe, Noreen McDonald, Roberto G. Quercia, William M. Rohe, Yan Song, Dale Whittington, Meenu Tewari, Nikhil Kaza.

## Associate Professors

Andrew Whittemore, Danielle Spurlock.

## Assistant Professors

Matthew Palm, Ashley Hernandez, Miyuki Hino, Noah Kittner, Allie Thomas.

## Research Professors

Phillip Berke, David J. Brower, Emil Malizia, David H. Moreau.

## Affiliated Faculty

Michele Berger (Women's and Gender Studies), Maryann Feldman (Public Policy), David J. Hartzell (Kenan–Flagler Business School), Adam Lovelady (School of Government), Judith W. Wegner (School of Law), Jesse White (School of Government).

## Professors Emeriti

Richard N.L. Andrews, Raymond J. Burby, F. Stuart Chapin Jr., David R. Godschalk, Edward J. Kaiser.

## Adjunct Faculty

Tabitha Combs, Charles Edwards, James Myrick Howard, Leta Huntsinger.

## PLAN–City and Regional Planning Undergraduate-level Courses

### PLAN 50. First-Year Seminar: This Land Is Your Land. 3 Credits.

An issue encountered in managing urban communities and environmental quality concerns rights to land ownership. Environmental regulations limit people's rights to use land as they see fit. This seminar explores processes whereby rights to land, water, and environmental resources of the United States have been acquired, reserved, distributed, and regulated.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Grading Status:** Letter grade.

### PLAN 51. First-Year Seminar: Envisioning Community. 3 Credits.


How is "community" understood as a concept used to describe towns, universities, and other forms of social interaction? This seminar introduces students to urban planning, higher education, and social capital and provides students with opportunities to explore and document local leaders' views concerning the towns' futures and the University's growth.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **PLAN 52. First-Year Seminar: Race, Sex, and Place in America. 3 Credits.**

This first-year seminar will expose students to the complex dynamics of race, ethnicity, and gender and how these have shaped the American city since 1945.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** WGST 51.

 **PLAN 53. First-Year Seminar: The Changing American Job. 3 Credits.**

Explores the changing nature of the American job and the transformative forces from global trade and outsourcing to corporate restructuring and new skill demands that have influenced this change.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** CI, NA.

**Grading Status:** Letter grade.

 **PLAN 54. First-Year Seminar: Bringing Life Back to Downtown: Commercial Redevelopment of Cities and Towns. 3 Credits.**

The seminar seeks to understand the current realities of North Carolina's inner-city communities in the context of their historical evolution and the current proposals for revitalization. Each student selects one city or town for a case study.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **PLAN 55. First-Year Seminar: Sustainable Cities. 3 Credits.**

How can the sustainability of cities and their ability to meet the needs of disadvantaged groups be improved? In this seminar students will look at the evolution of cities throughout history to find out how they have coped with threats to sustainability.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **PLAN 57. First-Year Seminar: What Is a Good City?. 3 Credits.**

After studying the forces that have produced the American urban landscape, we will explore the city from the normative perspectives of urban historians, planners and architects, social scientists, social critics, and futurists, as a way for each student to develop her/his own perspective about what a "good city" might be. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **PLAN 58. First-Year Seminar: Globalization and the Transformation of Local Economies. 3 Credits.**

Using directed readings, participative class exercises, and cases that cut across developed and developing countries, this seminar will focus on how global pressures and economic integration is changing local economies.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

 **PLAN 59. First-Year Seminar: World's Fairs. 3 Credits.**

This first-year seminar focuses on the constructed images of the modern American city. We have selected six U.S. World's Fairs between 1893 and 1965 (1884 World Cotton Centennial, New Orleans; 1893 World's Colombian Exposition, Chicago; 1904 Louisiana Purchase Exposition, Saint Louis; 1939 New York World's Fair, New York City; 1962 Seattle World's Fair; 1964/1965 New York World's Fair). By examining them in detail, we can follow shifts in conceptions of cities (and the world).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**Same as:** ARTH 59.

 **PLAN 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **PLAN 101. Cities and Urban Life. 3 Credits.**

This course will introduce students to the topic of cities and urban life. Over 80% of the United States' population lives in cities or their suburbs, and over half of the world's population lives in urban areas. Studying cities and urban life is important to understanding how human societies have developed, how our households live and function, how our economies grow and innovate, how our culture develops and influences, and an array of other topics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

 **PLAN 246. Cities of the Past, Present, and Future: Introduction to Planning. 3 Credits.**

Introduction to the evolution of cities in history, to the concept of urban morphology or form, and to the different elements or subsystems of the urban system and how they have changed over time.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**PLAN 247. Solving Urban Problems. 3 Credits.**

Introduction to methods used for solving urban problems. Covers methods employed in subfields of planning to develop an ability to critically evaluate different techniques and approaches used within these disciplines.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**PLAN 270. Urban Inequality and Inclusion. 3 Credits.**

American cities are creative, vibrant, dynamic and diverse places. Yet the prosperity, opportunity and creativity that we so often celebrate and associate with urban life is not evenly shared or universally experienced. This class is designed to help us think through the factors that contribute to urban inequality and also consider the potential (but also the limits) of solutions that are designed with those inequities in mind.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**PLAN 317. Introduction to Site Planning and Urban Design. 3 Credits.**

This course examines site planning as a process of creating the built environment. A site planner considers many things, including site hydrology, topography, building form, access, and regulation. Students will review the theories of urban design that guide site planning, conduct a site analysis and propose a site plan.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 326. Social Entrepreneurship. 3 Credits.**

Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLCY 326, ECON 326.

**PLAN 330. Principles of Sustainability. 3 Credits.**

This course introduces students to theories, principles, and measurement of sustainability. It also provides an overview of sustainability in national and international contexts.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** ENEC 330.

**PLAN 363. Personal Finance, Wealth Building, and Public Policy. 3 Credits.**

This course examines the skills to make important financial decisions such as buying a car, a house, paying for college, and managing credit and debt. Students will also learn about the fundamentals of investment and retirement planning to prepare them for a lifetime of wealth building. Finally, students will learn about public policy initiatives aimed at increasing the wealth building opportunities of low-income and minority households and communities.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Grading Status:** Letter grade.

**PLAN 372. Introduction to Urban Data Analytics. 3 Credits.**

This course introduces the techniques and tools used to assemble, manage, and analyze many types of data used to support decision-making in urban environments. Students will learn to work with messy and incomplete datasets, an important part of the course will be learning to clean and analyze imperfect data. The goal of this course is to prepare students to apply urban data analytics in practice.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 390. Undergraduate Special Topics in Urban and Regional Studies. 1-3 Credits.**

This course examines selected urban and regional issues under guidance of a member of the faculty.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PLAN 420. Community Design and Green Architecture. 3 Credits.**

The impact of building on the environment and health will be examined by looking at the major areas of: land use planning, water resource use, energy, materials and indoor environment.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 420.

**PLAN 428. Global Cities: Space, Power, and Identity in the Built Environment. 3 Credits.**

This course addresses questions of power, politics, and identity in the urban environment, with a focus on the emergence of key selected global cities and the processes that both created them historically and which are currently transforming them locally and globally.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** GEOG 428.

**PLAN 491. Introduction to GIS. 3 Credits.**

Stresses the spatial analysis and modeling capabilities of organizing data within a geographic information system. (GISci)

**Rules & Requirements**

**Requisites:** Prerequisite, GEOG 370; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** GEOG 491.

**PLAN 526. Principles of Public Finance for Public Policy and Planning. 1.5 Credits.**

Provides the foundation of state and local government finance necessary to understand new developments in the provision of infrastructure for economic development.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 539. Understanding and Planning for Freight Flows. 3 Credits.**

This course introduces students to the unique characteristics of freight transportation and the impact of urban and regional planning. Freight transport, which is a critical segment of supply chains, is undergoing dramatic changes. The impact of e-Commerce is revealed in the constant re-organization of supply chains and the need for freight transport to respond accordingly.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 547. Energy, Transportation, and Land Use. 3 Credits.**

This course explores the reciprocal connections between energy (production/conversion, distribution, and use), land use, environment, and transportation. Evaluation of federal, state, and local policies on energy conservation and alternative energy sources are emphasized. Students gain skills to analyze impacts, interdependencies, and uncertainties of various energy conservation measures and production technologies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 547.

**PLAN 548. Sustainable Energy Systems. 3 Credits.**

This course will provide an introduction to urgent topics related to energy, sustainability, and the environment. The course material will focus on new technologies, policies, and plans in cities and different governing bodies in the energy system with a focus on developing tools to analyze energy for its sustainability, impact on people, the environment, and the economy.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 548, ENVR 548.

**PLAN 550. Evolution of the American City. 3 Credits.**

Examines shaping the urban built environments of the United States from the colonial era to present day. Critically examines forces that shaped our cities, and studies the values, ideals, and motivations underlying efforts to plan and direct physical development of American cities.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**PLAN 562. Seminar on The Ethics and Politics of New Urban Analytics. 3 Credits.**

While there is no consistent definition of what smart cities are, urban spaces blanketed with ubiquitous and heterogeneous sensor networks that are constantly monitoring the vitality of the city are becoming common place. Such continuous surveillance raises deep political and ethical questions as well as questions about institutional reconfiguration. We will examine urban analytics platforms and interrogate them from a variety of lenses, including privacy, equity, and probity. Previously offered as PLAN 673.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 573. We're Everywhere: The Life of LGBTQ+ Spaces in the US. 1.5 Credits.**

Since the end of the Second World War, if not before, more and more cities of the United States have come to feature spaces identified by members of LGBTQ communities and their heterosexual, cis-gendered counterparts, as gay, lesbian, or queer. This class introduces students to the social, political, and economic life of LGBTQ spaces in the United States, and asks students to consider their importance and the merits of planning for their improvement and/or conservation.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 574. Political Economy of Poverty and Inequality. 3 Credits.**

Introduces students to the political economy of poverty alleviation programs. Uses comparative cases to explore what types of projects, tasks, and environments lead to effective and equitable outcomes, and why.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **PLAN 575. Real Estate Development. 3 Credits.**

Rigorous examination of real estate development from the entrepreneurial and public perspectives. Emphasis on risk management and the inherent uncertainties of development. The four dimensions of real estate are addressed: economic/market, legal/institutional, physical, and financial. Previously offered as PLAN 375

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

 **PLAN 576. Urbanism in the Global South. 3 Credits.**

This course introduces concepts and themes on the development of urbanism in the "Global South". Students engage with current debates over urbanism in the Global South, including looking at urban inequalities in contemporary cities. Through the course, students will be able to compare and critically analyze formations of contemporary urbanism in selected cities in the Global South from a comparative perspective.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Grading Status:** Letter grade.

**Same as:** AAAD 492.

**PLAN 590. Special Topics Seminar. 1-9 Credits.**

Original research, fieldwork, readings, or discussion of selected planning issues under guidance of a member of the faculty.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**PLAN 591. Applied Issues in Geographic Information Systems. 3 Credits.**

Applied issues in the use of geographic information systems in terrain analysis, medical geography, biophysical analysis, and population geography.

**Rules & Requirements**

**Requisites:** Prerequisite, GEOG 370 or 491.

**Grading Status:** Letter grade.

**PLAN 596. Independent Study. 1-9 Credits.**

This course permits full-time undergraduate students enrolled in the Department of City and Regional Planning who wish to pursue independent research or an independent project to do so under the direction of a member of the department faculty.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**PLAN 635. Energy Modeling for Environment and Public Health. 3 Credits.**

Recommended preparation, MATH 231. This course will equip students with an overview of contemporary issues in energy modeling and energy systems analysis, with a focus on environmental and public health impacts of energy systems. Students will gain exposure to a variety of research methodologies, analytical tools, and applications of energy modeling applied to environmental and public health related problems such as climate change, air pollution, and water footprints of energy systems.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENVR 635, ENEC 635.

**PLAN 636. Urban Transportation Planning. 3 Credits.**

Fundamental characteristics of the urban transportation system as a component of urban structure. Methodologies for the analysis of transportation problems, planning urban transportation, and the evaluation of plans.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 637. Public Transportation. 3 Credits.**

Alternative public urban transportation systems including mass transit, innovative transit services, and paratransit, examined from economic, land use, social, technical, and policy perspectives.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 638. Pedestrian and Bike Transportation. 3 Credits.**

This graduate-level course examines the importance of multimodal transportation planning and provides a comprehensive overview of best planning practices to support increased walking and bicycling.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **PLAN 639. Complete, Safe, Equitable Streets. 3 Credits.**

This course will interrogate the role of streets in communities paying particular attention to how streets contribute to mobility, accessibility, economic vibrancy, social cohesion, and safety from crime and traffic danger. We will consider how different people are affected by streets and transport policy.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Grading Status:** Letter grade.

 **PLAN 640. Roadways for a Safer Future. 1 Credits.**

Deaths and serious injuries from traffic crashes have been rising steadily on US roadways in recent years. Despite growing investment in safe walking and bicycling facilities, pedestrians and bicyclists bear a disproportionate share of these deaths and injuries. Through a combination of field work, lectures, and facilitated discussions, the Roadways for a Safer Future course introduces students to data collection, analysis, and communication techniques that are critical for understanding and advancing road safety for all.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Grading Status:** Letter grade.

**PLAN 641. Watershed Planning. 3 Credits.**

This course explores the functions of ecosystems, land development activities that impact such functions, and the land use management tools to create strategies for mitigating and restoring environmental damage. Course goals include understanding the ecological context of planning and how ecological principles may inform planning decisions. Prepares planners to engage effectively with biologists, natural resource managers, park managers, and other professionals from the natural sciences.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 641.

 **PLAN 647. Coastal Management Policy. 3 Credits.**

This course is an introduction to coastal management with a particular focus on managing the risks from natural hazards and climate change. It is designed for undergraduate juniors and seniors and graduate students. The focus of this class is on understanding the challenges that coastal communities face, how coasts are currently managed, and different strategies for responding in a rapidly changing world. Previously offered as PLAN 747. Juniors, Seniors, and Graduate students only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Grading Status:** Letter grade.

**PLAN 651. Urban Form and the Design of Cities. 3 Credits.**

Lecture course on comparative urbanism and the global evolution of the city form. Examines values and ideals embedded in urban landscapes, seeking to understand how social, economic, and political forces have influenced the development of cities through history.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 652. Site Planning and Urban Design. 3 Credits.**

This course examines site planning as a means of addressing concerns related to urban development including hydrology, vegetation, land use, urban form, access, regulation, and community priorities. Students conduct an analysis of a site and propose a plan for a hypothetical mixed-use development. Students learn the basics of the 3D modeling software, SketchUp.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLAN 655. Planning for Natural Hazards and Climate Risk. 3 Credits.**

An introduction to the human dimensions of natural hazards and climate change adaptation. What can we do to reduce losses from floods, fires, and other extreme weather events? How can we minimize the impacts of climate change? The focus of this course is on understanding how governance institutions, policies, politics, from individual to international influences the risks communities face. Previously offered as PLAN 755. Juniors, seniors and graduate students only.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **PLAN 656. Climate Change Impacts and Adaptation. 3 Credits.**

An introduction to climate change impacts and adaptation for undergraduate juniors and seniors and graduate students. The focus of this course is understanding how social and environmental systems interact to create risk and damage. This course prepares students to design and implement adaptation strategies for organizations of all types, from businesses to government agencies. Students will learn to integrate information about climate hazards, natural systems, built infrastructure, and socioeconomic systems. Previously offered as PLAN 756. Restricted to juniors, seniors, and graduate students only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Grading Status:** Letter grade.

**PLAN 662. Gender Issues in Planning and Development. 3 Credits.**

Permission of the instructor required for undergraduates. Examination of the environmental and health risks, policy institutions, processes, instruments, policy analysis, and major elements of American environmental policy. Lectures and case studies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** WGST 662.

**PLAN 663. Diversity and Inequality in Cities. 3 Credits.**

Permission of instructor needed for undergraduates. Introduces students in planning to issues related to diversity and inequality. Different aspects of diversity (e.g., gender, class, race, ethnicity, sexuality, nationality/citizenship) will be explored. Examines the relationship between diversity and the unequal distribution of resources and life trajectories.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **PLAN 670. Planning Equitable Economies. 3 Credits.**

Introduction to basic theories, concepts, and strategies employed to pursue local and regional economic development. Clarifies similarities and distinctions with related planning perspectives including community development, investigates the economic logic behind various development initiatives, and reviews basic principles for critically examining alternative policies and programs. Previously offered as PLAN 770.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**PLAN 671. Development Planning Techniques. 3 Credits.**

Intermediate and advanced techniques for analyzing the development of local and regional economies. Social accounts, indicator construction, regional input-output models, economic and fiscal impact analysis, labor market analysis, and regional economic forecasting techniques. Previously offered as PLAN 771.

**Rules & Requirements**

**Requisites:** Prerequisite, Preparation in basic statistical methods demonstrated through successful completion of PLAN 720, ECON 400, BIOS 600, ENEC 562, STOR 155, PLCY 460 or equivalent.

**Grading Status:** Letter grade.

**PLAN 672. Urban Data Analytics. 3 Credits.**

This is a survey course about different techniques used in assembling, managing, analyzing, and predicting using heterogeneous data sets in urban environments. These include point, polygon, raster, vector, text, image, and network data; data sets with high cadence and high spatial resolution; and data sets that are inherently messy and incomplete. The emphasis is on practical urban analytics.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **PLAN 677. Perspectives on Economic Development. 3 Credits.**

Fundamental concepts of economic development including growth, trade, product-cycle, flexible specialization, and entrepreneurship theories applied to local contexts. Economic development issues addressed in the North American, South American, European, or South Asian contexts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.



**PLAN 685. Water and Sanitation Planning and Policy in Less Developed Countries. 3 Credits.**

Permission of the instructor. Seminar on policy and planning approaches for providing improved community water and sanitation services in developed countries. Topics include the choice of appropriate technology and level of service, pricing, metering, and connection charges; cost recovery and targeting subsidies to the poor; water venting; community participation in the management and operation of water systems; and rent-seeking behavior in the provision of water supplies.

**Rules & Requirements**

**Grading Status:** Letter grade.


**Same as:** ENVR 685.

**PLAN 687. International Development and Social Change. 3 Credits.**

Permission of the instructor. Course explores effect of the global economy on national and community development, effect of environmental degradation processes on development, and strategies to guide social change.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **PLAN 691H. Honors Seminar in Urban and Regional Studies. 3 Credits.**

Permission of the instructor. An overview of the subject matter and methods of investigation for the study of cities and regions. Presentations of original papers prepared by students.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Department of City and Regional Planning**

Visit Program Website (<http://www.planning.unc.edu>)  
New East Building, CB# 3140  
(919) 962-3983

**Chair**

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**Associate Director of Graduate Programs**

Sandra Lazo de la Vega  
[sandral@unc.edu](mailto:sandral@unc.edu)

## Urban Studies and Planning Minor

City and regional planning is an interdisciplinary field that seeks to improve the quality of life for people in human settlements. Planners are involved in designing solutions to pressing societal problems such as urban sprawl, unemployment, homelessness, environmental pollution, and urban decay. They are involved in guiding the type and location of new development, creating balanced transportation systems (including walking and biking), promoting economic development for all residents, protecting the environment, expanding affordable housing, and revitalizing urban neighborhoods.

City and regional planners are hired by national, state, and local governments; national, regional, and local nonprofit groups; and private sector firms including development companies and consulting firms.



A minor in urban studies and planning allows students to learn about cities and planning processes, to enrich or expand their major, and to explore how they can be involved in improving the prosperity, livability, and equity of cities, towns, and regions. Having a minor in urban studies and planning can help students in the job market, as it teaches skills valued by many employers. It can also help students explore the possibility of pursuing a master's degree in planning, including a dual bachelor's-master's at UNC-Chapel Hill. (<http://catalog.unc.edu/graduate/schools-departments/city-regional-planning/#programstext>)

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
PLAN 246	 Cities of the Past, Present, and Future: Introduction to Planning	3
PLAN 247	 Solving Urban Problems	3
Select three additional PLAN courses numbered 100 through 699. <sup>1</sup>		9
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> Students can also choose from PLAN courses at the 700- and 800-levels with instructor permission.

City and Regional Planning (PLAN) course list (p. 291).

## Contact Information

**Department of City and Regional Planning**

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#### Student Services Manager

Sarah Ward  
sarahw1@unc.edu

#### Associate Director of Graduate Programs

Sandra Lazo de la Vega  
sandra@unc.edu

## Department of Classics Introduction

The Department of Classics engages in teaching and researching the civilization of the ancient Greek and Roman world in its broadest sense, from the Bronze Age Aegean to the transmission of classical literature in the Middle Ages and beyond. Our primary focus is the language, literature, art, and archaeology of the ancient Greeks and Romans, but our reach extends to all aspects of their culture as well as to related civilizations of the ancient Mediterranean world. Our field is inherently interdisciplinary, and we draw on a range of approaches in order to understand the diversity of these civilizations and to explore the varied ways in which people in later periods, including our own, have found them meaningful.

### Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors by appointments (see contact information above). Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<https://classics.unc.edu/>).

### Graduate School and Career Opportunities

The undergraduate curriculum prepares students for specialized graduate study in classical studies: classical philology, comparative literature, archaeology (prehistoric, classical, and Byzantine), medieval studies, philosophy, art history, ancient history, or linguistics. While many graduating students go on to graduate programs in the humanities and social sciences, others pursue careers in a range of fields, including law, medicine, business, archaeology, and secondary education. Students who wish to be certified to teach in public high schools should major in Latin and then apply for admission to an accredited M.A.T. program.

### Majors

- Classics Major, B.A.—Classical Archaeology (p. 309)
- Classics Major, B.A.—Classical Civilization (p. 310)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 312)

### Minors

- Classical Humanities Minor (p. 314)
- Greek Minor (p. 314)
- Latin Minor (p. 315)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics/>)
- Ph.D. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics/>)

## Professors

Donald C. Haggis, Sharon James, James J. O'Hara, James B. Rives, Patricia Rosenmeyer.

## Associate Professors

Emily Baragwanath, Janet Downie, Jennifer E. Gates-Foster, Hérica Valladares.

## Assistant Professors

Al Duncan, Suzanne Lye, Timothy D. Shea.


## Professors Emeriti

Robert Babcock, Carolyn L. Connor, George W. Houston, Jerzy Linderski, Sara Mack, William H. Race, Peter M. Smith, William C. West, Cecil W. Wooten.

### CLAR—Classical Archaeology Undergraduate-level Courses

 **CLAR 50. First-Year Seminar: Art in the Ancient City. 3 Credits.** The course offers a comparative perspective on the archaeology of ancient Egypt and Bronze Age Greece (3000-1100 BCE) exploring the public art produced by these two early Mediterranean societies: the Aegean Bronze Age palace centers of Crete and Mainland Greece and the territorial state of ancient Egypt. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** VP, BN, WB.  
**Grading Status:** Letter grade.

**CLAR 51. First-Year Seminar: Who Owns the Past?. 3 Credits.**

Archaeology is all about the past, but it is embedded in the politics and realities of the present day. This course introduces students to the ethical, moral, and political dimensions of archaeological sites and artifacts, especially in situations where the meaning and stewardship of ancient artifacts is under dispute. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH, CI, GL.

**Grading Status:** Letter grade.

**CLAR 110. The Archaeology of Palestine in the New Testament Period. 3 Credits.**

This course surveys the archaeology of Palestine (modern Israel and Jordan) from the Persian period (ca. 586 BCE) to the Muslim conquest (640 CE).

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 110, JWST 110.

**CLAR 120. Ancient Mediterranean, Egyptian, and Near Eastern Archaeology. 3 Credits.**

An introduction to Mediterranean, Egyptian, and Near Eastern archaeology through the examination of archaeological sites from the Neolithic period (ca. 9000 BCE) to the Roman Empire (fourth century CE). The sites, geographic and cultural areas, and chronological periods of study vary depending on instructor. Does not satisfy classical archaeology major requirements. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**CLAR 190. Special Topics in Classical Archaeology. 3 Credits.**

A special topics course on a selected aspect of classical archaeology.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**CLAR 200. Art and Fashion from Rome to Timbuktu. 3 Credits.**

In the Roman Empire and in contemporary Africa, clothing reflects local symbolic systems and global trade networks. Rome is imagined as the source of Western culture, and Africa evokes distant exoticism; this course will complicate such conceptions. Through fashion we explore political, economic, and religious systems, as well as creativity.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**Same as:** ARTH 200.

**CLAR 241. Art and Archaeology of the Ancient Near East. 3 Credits.**

A survey of the cultures of the ancient Near East, Mesopotamia, Anatolia (modern Turkey), and the Levant, from the first settled villages of the ninth millennium to the Persian conquest of Babylon in 539 BCE.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** ARTH 241.

**CLAR 242. Egyptian Art and Archaeology. 3 Credits.**

A survey of the archaeological remains of ancient Egypt, from the earliest settlements of the Neolithic period until the end of the New Kingdom.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** ARTH 242.

**CLAR 243. Minoans and Mycenaeans: The Archaeology of Bronze Age Greece. 3 Credits.**

A survey of the material culture of Greece, the Cyclades, and Crete from the Paleolithic period (ca. 50,000 years ago) until the end of the Bronze Age (ca. 1200 BCE). Primary focus will be the urbanized palatial centers that emerged in mainland Greece (Mycenaean) and the island of Crete (Minoan).

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**CLAR 244. Greek Art and Archaeology. 3 Credits.**

The historical development of the art and architecture of Greece from the Bronze Age through the Hellenistic period.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** ARTH 244.

**CLAR 247. Roman Art and Archaeology. 3 Credits.**

This course explores the archaeology of the Roman world between the eighth century BCE and the fifth century CE, focusing on issues of urbanization, trade and consumption, colonization, and the Roman army.


**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.


**Making Connections Gen Ed:** VP, NA, WB.

**Grading Status:** Letter grade.

**Same as:** ARTH 247.

 **CLAR 268. Hellenistic Art and Archaeology (350-31 BCE). 3 Credits.**  
Survey of the archaeology of the Hellenistic Mediterranean from the time of Alexander the Great until the Roman conquest (350-31 BCE), with emphasis on art and architecture of cities and sanctuaries.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA, WB.

**Grading Status:** Letter grade.

**Same as:** ARTH 268.

**CLAR 375. Archaeology of Cult. 3 Credits.**

This course examines the archaeological context of Greek religion, cults, and associated rituals from the Bronze Age until the Hellenistic period with emphasis on urban, rural, and panhellenic sanctuaries, and methods of approaching ancient religion and analyzing cult practices.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 375.

 **CLAR 380. Life and Art in Ancient Pompeii. 3 Credits.**

In this course we will explore the history and archaeology of Pompeii with the goal of better understanding daily life in the early Roman empire. The course proceeds topically, moving from an exploration of the city's public spaces to an analysis of more private domains—houses, gardens, and tombs. We will also consider evidence from ancient literature and epigraphy. Students may not receive credit for both CLAR 380 and CLAS 73.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** ARTH 380.

 **CLAR 395. Independent Research in Classical Archaeology. 3 Credits.**

This course allows a student to design and execute an independent research project under the supervision of a faculty member. Although the specifics will be determined on a case-by-case basis by the student and the faculty supervisor, the project will normally involve the careful study of key primary sources and engagement with relevant scholarship, and culminate in a major research paper (around 25 pages) or a suitable equivalent in another format (e.g., website, video). Permission of the instructor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**CLAR 396. Independent Study in Classical Archaeology. 3 Credits.**  
Special readings and research in a selected field or topic under the direction of a faculty member. Permission of the instructor and the Director of Undergraduate Studies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses**

**CLAR 411. Method and Theory in Classical Archaeology. 3 Credits.**  
Systematic introduction to archaeological field methods, especially survey and excavation techniques, and theoretical approaches using case studies from the Mediterranean, Europe, the Middle East, and North Africa.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CLAR 461. Greek Sculpture. 3 Credits.**

Required preparation, any intermediate art history course or permission of the instructor. A focused study of sculpture in Ancient Greece.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ARTH 461.

**CLAR 464. Greek Architecture. 3 Credits.**

A survey of Greek architectural development from the Dark Ages through the fourth century BCE. Special topics include the beginnings of monumental architecture, the development of the orders, and interpretations of individual architects in terms of style and proportions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Requisites:** Prerequisite, CLAR 244; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ARTH 464.

 **CLAR 465. Roman Architecture. 3 Credits.**

The development of architecture in the Roman world from the ninth century BCE through the fourth century CE. The course focuses on the development of urbanism and the function, significance, and evolution of the main building types and their geographic distribution.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA, WB.

**Requisites:** Prerequisite, CLAR 245, CLAR 247, or CLAR/ARTH 263; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.


**Same as:** ARTH 465.

 **CLAR 474. Roman Sculpture. 3 Credits.**

Survey of Roman sculpture (200 BCE-300 CE), including portraiture, state reliefs, funerary monuments, and idealizing sculpture, with emphasis on style, iconography, and historical development of sculpture in its sociocultural, political, and religious contexts.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.**Making Connections Gen Ed:** VP, WB.**Requisites:** Prerequisite, CLAR 245, CLAR 247 or CLAR/ARTH 263; permission of the instructor for students lacking the prerequisite.**Grading Status:** Letter grade.**Same as:** ARTH 474. **CLAR 475. Provinces and Frontiers of the Roman Empire. 3 Credits.**

A survey of the material remains of the frontiers and provinces of the Roman Empire and the variety of responses to Roman imperialism. Issues of language, gender, ethnicity, globalization, and power will be considered.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.**Making Connections Gen Ed:** HS, WB.**Grading Status:** Letter grade. **CLAR 476. Roman Painting. 3 Credits.**

Surveys Roman painting from 200 BCE to 300 CE, with emphasis on style, iconography, historical development of painting in its sociocultural, political, and religious contexts. Treats current debates in scholarship.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.**Making Connections Gen Ed:** VP, WB.**Requisites:** Prerequisite, any CLAR or ARTH course at the 200-level or higher (preferably CLAR 245, CLAR 247, or CLAR/ARTH 263); permission of the instructor for students lacking the prerequisite.**Grading Status:** Letter grade.**Same as:** ARTH 476. **CLAR 480. Egypt after the Pharaohs. 3 Credits.**

This course explores the archaeological and historical evidence for life in Egypt between 332 BCE and 324 CE, when the traditions of Pharaonic Egypt came together with the customs and culture of Greek and Roman conquerors to create a society incorporating the traditions of native Egyptian and Mediterranean peoples.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.**Making Connections Gen Ed:** BN, WB.**Requisites:** Prerequisite, any CLAR course at the 200-level of higher (preferably CLAR 242 or CLAR 247); permission of the instructor for students lacking the prerequisite.**Grading Status:** Letter grade.**CLAR 482. Art and Archaeology of Achaemenid Persia. 3 Credits.**

This course will examine the history and material culture of the ancient state known as the Achaemenid Persian Empire through ancient texts and archaeological sources. Beginning in the sixth century BCE, this ancient superpower ruled a vast and culturally diverse empire that stretched from Northern Libya to central Asia. Through an examination of key sites, objects, and texts we will explore the history and diversity of this multicultural empire.

**Rules & Requirements****Making Connections Gen Ed:** VP, BN.**Grading Status:** Letter grade.**Same as:** ARTH 482.**CLAR 491. The Archaeology of Early Greece (1200-500 BCE). 3 Credits.**

This course surveys the development of Greek material culture from 1200 to 500 BCE, exploring the origins of Greek art, architecture, cities, and sanctuaries in the Aegean and eastern Mediterranean.

**Rules & Requirements****Making Connections Gen Ed:** HS, NA, WB.**Requisites:** Prerequisite, any CLAR course at the 200-level or higher (preferably CLAR 243 or CLAR 244); permission of the instructor for students lacking the prerequisite.**Grading Status:** Letter grade. **CLAR 492. Archaeology of Greek Sanctuaries. 3 Credits.**

This course is a survey of the archaeology and architecture of ancient Greek sanctuaries from the Late Bronze Age to the Roman period. We will discuss the development of temple architecture, ritual assemblages, and votive practices.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.**Requisites:** Prerequisite, Any CLAR/CLAS course at the 200-level or higher.**Grading Status:** Letter grade. **CLAR 512. Ancient Synagogues. 3 Credits.**

This is a course on ancient synagogues in Palestine and the Diaspora from the Second Temple period to the seventh century CE.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.**Making Connections Gen Ed:** VP, BN, WB.**Grading Status:** Letter grade.**Same as:** RELI 512, JWST 512.**CLAR 650. Field School in Classical Archaeology. 6 Credits.**

This course is an introduction to archaeological field methods and excavation techniques, through participation in archaeological excavation.

**Rules & Requirements****Making Connections Gen Ed:** EE- Field Work.**Grading Status:** Letter grade.

## CLAS—Classics in English/Classical Civilization

### Undergraduate-level Courses

#### CLAS 51. First-Year Seminar: Greek Drama from Page to Stage. 3 Credits.

This seminar takes a participatory approach to ancient Greek theater, exploring the dual nature of drama as performance and script. It provides a historical overview of the extraordinary Athenian fifth century (BCE), emphasizing ways theater interacts with art, law, myth, and politics. Theatrical exercises and performances complement several writing assignments. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA, CI, WB.

**Grading Status:** Letter grade.

#### CLAS 55. First-Year Seminar: Three Greek and Roman Epics. 3 Credits.

This first-year seminar will involve a close reading of Homer's Iliad and Odyssey and Vergil's Aeneid, and as a transition from Homer to Vergil, students will also read the tragedies of Sophocles from fifth-century Athens. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

#### CLAS 57. First-Year Seminar: Dead and Deadly Women: Greek Tragic Heroines from Aeschylus to Eliot. 3 Credits.

This seminar will study the great tragic heroines of ancient Greek drama, focusing on Clytemnestra, Medea, Alcestis, Phaedra, the Trojan Women, Antigone. Students will also read a contemporary novel, by Fay Weldon, that engages many of these mythic women. Students will study the Greek tragedies intensively, along with their reception in later literature and art. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

#### CLAS 59. First-Year Seminar: Ancient Magic and Religion. 3 Credits.

In this class, we examine descriptions of religious and magical practices in the multicultural contexts of ancient Greece and Rome. Our sources include literary accounts, legal documents, and material objects, such as inscriptions, amulets, tablets, magical images, and papyri.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-CREATE or FC-GLOBAL.

**Making Connections Gen Ed:** CI, EE- Mentored Research, WB.

**Grading Status:** Letter grade.

#### CLAS 61. First-Year Seminar: Writing the Past. 3 Credits.

Translated works of three Greek historians—Herodotus, Thucydides, and Polybius—will provide a lens through which to explore the capacity for literature and other modes of representation to convey history. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** LA, CI, WB.

**Grading Status:** Letter grade.

#### CLAS 62. First-Year Seminar: Bandits, Barbarians, and Rebels in the Ancient Mediterranean. 3 Credits.

A study of Greek and Roman depictions of marginalized and peripheral peoples in both literary and visual sources, with consideration of the origin, development, and social roles ascribed to these groups.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** HS, CI, WB.

**Grading Status:** Letter grade.

#### CLAS 63. First-Year Seminar: The Politics of Persuasion in the Ancient and Modern Worlds. 3 Credits.

Are there rules for crafting a successful speech? The art and the mechanisms of persuasion will be considered both as a discipline with its own laws and practices and as a window into the values and debates that animate the public life of diverse civilizations.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

#### CLAS 64. First-Year Seminar: Cinema and the Ancient World. 3 Credits.

In this first-year seminar, students will investigate what films set in classical Roman antiquity say about contemporary culture, and will also attempt to understand their impact on the shaping of our sense of history.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

#### CLAS 65. First-Year Seminar: The City of Rome. 3 Credits.


This first-year seminar is an introduction to the history and art of Rome from antiquity through the present. Students will survey the entire period, but will look in particular at four specific periods in the city's life from the early second century CE until the present day.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **CLAS 67. First-Year Seminar: Helen of Troy: From Homer to Hollywood. 3 Credits.**

The myth of Helen of Troy has inspired countless creative responses, from Homer's Iliad to Hollywood's Troy; all of them raise questions about the value of beauty and love within society. The course requires no prior knowledge of the classics, although you should be familiar with Homer's Iliad and Odyssey.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

 **CLAS 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course; contents will vary each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **CLAS 121. The Greeks. 3 Credits.**

Introduction to the history, literature, religion, philosophy, science, art and architecture of Greece from Homer to Alexander the Great. Emphasis on primary sources. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

 **CLAS 122. The Romans. 3 Credits.**

A survey of Roman civilization from the beginning to the late empire, dealing with history, literature, art and architecture, philosophy and religion, and social and political institutions. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**CLAS 123. Summer Study Abroad in Greece. 3 Credits.**

Introduction to the history and culture of ancient Greece, from the Bronze Age to the end of the Roman period, through field study of historical and archaeological sites in Greece.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work, NA, WB.

**Grading Status:** Letter grade.

**CLAS 126. Medical Word Formation and Etymology. 3 Credits.**

Systematic study of the formation of medical terms from Greek and Latin roots, to build vocabulary and recognition. For general etymology see CLAS 125.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **CLAS 131. Classical Mythology. 3 Credits.**

An introduction to the mythology of the ancient Greek and Roman world. Readings may include selections from Homer, Hesiod, Greek tragedy, and Vergil. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CLAS 133H. Epic and Tragedy. 3 Credits.**

Study of classical epic and tragedy. Special emphasis on Homer's Iliad and Odyssey, and on the rethinking of Homeric epic in the tragedies of Aeschylus, Sophocles, and Euripides.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**CLAS 231. The Theater in the Greek and Roman World. 3 Credits.**

An investigation of the history, aesthetics, politics, and influence of theater in the ancient Greek and Roman world, with attention to themes of power, passion, rhetoric, resistance, gender, and identity. The course also includes a substantial practical component, with students taking on a number of the dramaturgical roles involved in the production of ancient drama.

**Rules & Requirements**


**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

 **CLAS 240. Women in Greek Art and Literature. 3 Credits.**

Course examines law, religion, medicine, social practices, and ideologies in the lives of women in ancient Greece, from Homer to Hellenistic Egypt, using literature, art, and epigraphy. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** WGST 240.

 **CLAS 241. Women in Ancient Rome. 3 Credits.**

Course examines the life of women in ancient Rome, from the first beginnings of the organized community in Rome through the early Empire, a period of about 900 years. Also explores aspects of the lives of women in provinces governed by Rome. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** WGST 241.

**CLAS 242. Sex and Gender in Antiquity. 3 Credits.**

Exploration of gender constructs, what it meant to be a woman or a man, in antiquity, as revealed in literary, historical, and archaeological sources. Readings from Homer, Euripides, Plato, Ovid, Virgil, Juvenal, Petronius, and other ancient authors.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.


**Grading Status:** Letter grade.

**Same as:** WGST 242.

 **CLAS 243. Race and Ethnicity in the Ancient Mediterranean. 3 Credits.**

This course examines constructions of race and ethnicity in the ancient Mediterranean through art, literature, and archaeology. Students gain a background in the history and culture of the classical world that grounds critical analysis of the primary source evidence, both textual and material. By engaging with modern scholarship on ancient ideas about race and ethnic identity, students also learn to evaluate and critique secondary source material in their original contexts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CLAS 253. Pericles and Athens. 3 Credits.**

An introduction to classical civilization through study of its most important period in Greece. Attention to history, philosophy, and art. Lecture and discussion. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CLAS 254. Alexander and the Hellenistic World. 3 Credits.**

An introduction to classical civilization through study of the period in which it spreads beyond mainland Greece to influence and partially merge with the cultures of the Near East, Egypt, and Rome. Attention to history, literature, philosophy, and art. Lectures and discussion.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **CLAS 257. Augustus and Rome. 3 Credits.**

An introduction to classical civilization through study of the literature, history, and art of one of the most crucial periods in Roman history. Lectures and discussion. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**CLAS 258. The Early Roman Empire. 3 Credits.**

An introduction to the civilization of the Roman Empire through study of the literature, history, and archaeology of its most colorful period.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**CLAS 259. Pagans and Christians. 3 Credits.**

Pagans and Christians in the Roman Empire. Special attention to the fundamental cultural and social changes resulting from the Christianization of the Empire.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

 **CLAS 263. Athletics in the Greek and Roman Worlds. 3 Credits.**

Study of athletics as a unifying force in ancient society, emphasizing the Olympic games and other religious festivals. Consideration of athletic professionalism, propaganda, and social trends using literary and archaeological sources. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** NA, WB.

**Grading Status:** Letter grade.

**CLAS 361. Homer and the Heroic Age of Greece. 3 Credits.**

The Iliad, the Odyssey, Hesiod, heroic and oral poetry.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **CLAS 362. Greek Tragedy. 3 Credits.**

An introduction to the three great tragedians of ancient Greece and to their historical and cultural context. Discussion is based on close readings of the English translations of selected plays by Aeschylus, Euripides, and Sophocles. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

 **CLAS 363. Latin and Greek Lyric Poetry in Translation. 3 Credits.**

Introduction to the lyric and elegiac poetry of antiquity in English translation, including Hesiod, Sappho, Catullus, Ovid, and Horace. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**CLAS 364. The Classical Background of English Poetry. 3 Credits.**

Study of classical writers' influence on selected genres of English poetry. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CMPL 364.

 **CLAS 365. The Lives of Others from Herodotus to Tacitus. 3 Credits.**

Explores ethnographic writing in the Ancient Mediterranean. How did the Greeks and Romans write about Persians, Egyptians, Scythians, Gauls, Germans, Britons, Hyperboreans, Spartans, and other peoples across time? In what ways did they understand their own identities and explain the distinctions they perceived between other peoples? The course will include some comparison of modern conceptions of ethnicity and depictions of group identities (in film, literature, and other media).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Grading Status:** Letter grade.



**CLAS 371. Cicero, Caesar, and the End of the Roman Republic. 3 Credits.**

Cicero and Caesar provide a window into the end of the Roman Republic, and the end of the Republic provides a privileged ground for applying different methodologies of research (e.g. history, literature, political science, philosophy, etc.). This interdisciplinary course includes student presentations.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI, WB.

**Grading Status:** Letter grade.

**CLAS 391. Junior Seminar. 3 Credits.**

The topic of this course varies according to instructor, but in all cases is designed to bring together all departmental majors in their examination of a particular topic in the study of the ancient Mediterranean from an interdisciplinary perspective. Seminar format and research focus. Majors only, junior or senior standing required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**CLAS 395. Independent Research in Classics. 3 Credits.**

This course allows a student to design and execute an independent research project under the supervision of a faculty member. Although the specifics will be determined on a case-by-case basis by the student and the faculty supervisor, the project will normally involve the careful study of key primary sources and engagement with relevant scholarship, and culminate in a major research paper (around 25 pages) or a suitable equivalent in another format (e.g., website, video). Permission of the Instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**CLAS 396. Independent Study in Classical Studies. 3 Credits.**

Students may suggest to the chair of the department topics for individual or group study. Advance arrangements required.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****CLAS 409. Greek and Roman Historians. 3 Credits.**

The study in English translation of selections from Herodotus, Thucydides, Livy, Tacitus, and others, with consideration of their literary qualities and their readability as historians. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**CLAS 415. Roman Law. 3 Credits.**

This course combines a survey of the main areas of Roman law in their social and historical context with the close study of primary texts illustrating Roman law in practice, especially case studies from the writings of Roman legal experts; particular attention is given to the logic and application of ancient Roman legal thought and to its social and ethical implications. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**CLAS 511. Grammar as a Guide to Effective Writing. 1 Credits.**

A systematic review of English grammar for students of Latin and Greek, combined with practical exercises in prose style and effective writing.

**Rules & Requirements**

**Requisites:** Prerequisite, GREK 204 or LATN 204.

**Grading Status:** Letter grade.

**CLAS 691H. Honors Course. 3 Credits.**

Honors course for departmental majors in classical archaeology, classical civilization, Greek, and Latin.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**CLAS 692H. Honors Course. 3 Credits.**

Honors course for departmental majors in classical archaeology, classical civilization, Greek, and Latin.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**GREK—Greek****Undergraduate-level Courses****GREK 101. Elementary Classical Greek I. 4 Credits.**

Comprehensive coverage of basic grammar and syntax in two semesters, preparing students for reading Plato or Xenophon in GREK 203 (and with the instructor's permission, New Testament Greek in GREK 205).

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**GREK 102. Elementary Classical Greek II. 4 Credits.**

Comprehensive coverage of basic grammar and syntax in two semesters, preparing students for reading Plato or Xenophon in GREK 203 (and with the instructor's permission, New Testament Greek in GREK 205).

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**GREK 203. Intermediate Greek I. 3 Credits.**

Review of fundamentals; reading primarily in selected prose texts, such as Xenophon, Plato, Lysias, or others.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisites, GREK 101 and 102; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**GREK 204. Intermediate Greek II. 3 Credits.**

Reading primarily in selected poetic texts, such as Homer, Euripides, or others.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, GREK 203; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**GREK 205. Introductory Greek New Testament. 3 Credits.**

Readings from the Greek New Testament and related texts, with particular attention to grammar and syntax and consideration of their literary and cultural context.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, GREK 203; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**GREK 221. Advanced Greek I. 3 Credits.**

Readings from classical Greek poetry or prose, with attention to their syntax, style, and cultural and historical context.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisites, GREK 204 or 205; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**GREK 222. Advanced Greek II. 3 Credits.**

Readings from classical Greek poetry or prose, with attention to their syntax, style, and cultural and historical context.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, GREK 221; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5 & 6 combined.

**GREK 351. Classical Greek Prose. 3 Credits.**

Readings in Herodotus, Thucydides, Plato, or other authors, with attention to their style and cultural/historical context. With permission of the department, this course may be repeated for credit.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, GREK 221 or 222; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GREK 352. Greek Poetry. 3 Credits.**

Readings from Homer, Greek tragedy, or other Greek poetry. With permission of the department, this course may be repeated for credit.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisite, GREK 221 or 222; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GREK 395. Independent Research in Greek. 3 Credits.**

This course allows a student to design and execute an independent research project under the supervision of a faculty member. Although the specifics will be determined on a case-by-case basis by the student and the faculty supervisor, the project will normally involve the careful study of key primary sources and engagement with relevant scholarship, and culminate in a major research paper (around 25 pages) or a suitable equivalent in another format (e.g., website, video). Permission of the Instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**GREK 396. Special Readings in Greek Literature. 3 Credits.**

Special Readings in Greek Literature.

**Rules & Requirements**

**Requisites:** Prerequisite, GREK 222.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**Advanced Undergraduate and Graduate-level Courses****GREK 409. Greek New Testament. 3 Credits.****Rules & Requirements**

**Requisites:** Prerequisite, GREK 222; Permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** RELI 409.

**Global Language:** Level 6.

## LATN—Latin

### Undergraduate-level Courses

#### LATN 101. Elementary Latin I. 4 Credits.

The basic elements of Latin grammar, practice in reading and writing Latin, introduction to Roman civilization through a study of the language of the Romans.

##### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

#### LATN 102. Elementary Latin II. 4 Credits.

Continuation of LATN 101. The basic elements of Latin grammar, practice in reading and writing Latin, introduction to Roman civilization through a study of the language of the Romans.

##### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

#### LATN 203. Intermediate Latin I. 3 Credits.

Review of fundamentals. Reading in selected texts such as Catullus, Ovid, Cicero, or others.

##### Rules & Requirements

 **IDEAs in Action Gen Ed:** GBLB-LANG.

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

#### LATN 204. Intermediate Latin II. 3 Credits.

Review of fundamentals. Reading in selected texts such as Catullus, Ovid, Cicero, or others.

##### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, LATN 203; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

#### LATN 205. Medieval Latin. 3 Credits.

Reading in selected texts of medieval Latin literature.

##### Rules & Requirements

**Making Connections Gen Ed:** WB, FL.

**Requisites:** Prerequisite, LATN 203; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

#### LATN 221. Vergil. 3 Credits.

Systematic review of Latin grammar. Reading in Vergil's Aeneid, normally two books in Latin, and the remainder in translation.

##### Rules & Requirements

**Making Connections Gen Ed:** LA, NA, WB.

**Requisites:** Prerequisite, LATN 204 or 205; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

#### LATN 222. Cicero. 3 Credits.

Careful reading of selected works of Cicero, exercises in Latin composition.

##### Rules & Requirements

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, LATN 204 or 205; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

#### LATN 223. Ovid. 3 Credits.

Systematic review of Latin grammar. Reading in Ovid's *Metamorphoses*, normally two books in Latin, and the remainder in translation.

##### Rules & Requirements

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisite, LATN 204 or 205; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

#### LATN 224. Augustine's Confessions. 3 Credits.

This class will read and examine substantial portions of the Latin text of Augustine's autobiographical masterpiece, *The Confessions*, the most important of his writings, and a seminal work of Greco-Roman literature. Students will also read the entire text in English translation. Through background readings and lectures students will gain a broader understanding of the Late Antiquity, the end of the Roman Empire, the conflicts of Christianity and paganism, and the genres of biography and autobiography.

##### Rules & Requirements

**Requisites:** Prerequisite, LATN 204 or 205; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

#### LATN 331. Roman Historians. 3 Credits.

Readings in Caesar, Sallust, and/or Livy.

##### Rules & Requirements

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisite, any LATN course numbered 220 or higher; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

#### LATN 332. Roman Comedy. 3 Credits.

Readings in Plautus and Terence, or both.

##### Rules & Requirements

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisite, any LATN course numbered 220 or higher; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

#### LATN 333. Lyric Poetry. 3 Credits.

Readings in Catullus and Horace.

##### Rules & Requirements

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, any LATN course numbered 220 or higher; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**LATN 334. Augustan Poetry. 3 Credits.**

Readings in Ovid, Tibullus, Propertius, or other poets.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, any LATN course numbered 220 or higher; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**LATN 335. Roman Elegy. 3 Credits.**

This course studies Ovid, Propertius, and Tibullus, focusing on themes such as love, male-female relations, politics, war, Roman culture, and poetry itself.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisite, any LATN course numbered 220 or higher; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**LATN 351. Lucretius. 3 Credits.**

Readings in Lucretius and related works.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, any LATN course numbered 220 or higher; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**LATN 352. Petronius. 3 Credits.**

Readings in Petronius and related works.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, any LATN course numbered 220 or higher; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**LATN 353. Roman Satire. 3 Credits.**

Readings in the satires of Horace and Juvenal.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Requisites:** Prerequisite, any LATN course numbered 220 or higher; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**LATN 354. Tacitus and Pliny's Letters. 3 Credits.**

Readings in Tacitus and Pliny

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, any LATN course numbered 220 or higher; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **LATN 395. Independent Research in Latin. 3 Credits.**

This course allows a student to design and execute an independent research project under the supervision of a faculty member. Although the specifics will be determined on a case-by-case basis by the student and the faculty supervisor, the project will normally involve the careful study of key primary sources and engagement with relevant scholarship, and culminate in a major research paper (around 25 pages) or a suitable equivalent in another format (e.g., website, video). Permission of the Instructor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**LATN 396. Special Readings in Latin Literature. 3 Credits.**

Special Readings in Latin Literature.

**Rules & Requirements**

**Requisites:** Prerequisites, LATN 221; Permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****LATN 601. Accelerated Elementary Latin. 3 Credits.**

An intensive introduction to Latin grammar and syntax, equivalent to LATN 101 and 102. Students may not receive credit for the following course pairs: LATN 101 and 601; LATN 102 and 601.

**Rules & Requirements**

**Grading Status:** Letter grade.

**LATN 602. Accelerated Intermediate Latin. 3 Credits.**

An intensive review of Latin grammar, along with vocabulary building and the development of reading and translation skills, equivalent to LATN 203 and 204. Students may not receive credit for the following course pairs: LATN 203 and 602; LATN 204 and 602.

**Rules & Requirements**

**Grading Status:** Letter grade.

## Contact Information

**Department of Classics**

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# Classics Major, B.A. – Classical Archaeology

This concentration focuses on the material remains of prehistoric and classical antiquity, while also providing a background in civilization, history, and at least one classical language. The program of study is designed to give students a basic knowledge of the art and architecture of the Greeks and Romans and to introduce them to the use of archaeology in the reconstruction of the past, including Egypt and the ancient Near East.

Majors in classical archaeology may not elect a minor in the classical language that they use to satisfy their major requirements, although they may elect a minor in the other classical language. Students interested in majoring in classical archaeology should consult the department as early as possible.

## Student Learning Outcomes

Upon completion of the classical archaeology program, students should be able to:



- Recognize and discuss the main monuments of the Graeco-Roman world and place them within their broader historical context
- Read either Latin or ancient Greek and interpret the literature of that language at a level appropriate for continuation in graduate school
- Analyze and assess the material remains of classical antiquity, employing current and standard archaeological methods and theory
- Carry out independent research projects. They will be able to propose a useful research topic, gather evidence (employing both ancient materials and secondary scholarship, as appropriate), formulate theses based on the evidence, and set out the evidence, arguments for and against the theses, and conclusions. They will be able to do this employing the methods and conventions of modern scholarship.

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
CLAR 244	 Greek Archaeology	3
or CLAR 262	Art of Classical Greece	
or CLAR 375	Archaeology of Cult	
CLAR 247	 Roman Archaeology	3
or CLAR 245	Archaeology of Italy	
CLAS 391	 Junior Seminar	3

Four additional courses in Classical Archaeology (CLAR), including two numbered between CLAR 400 and CLAR 699 <sup>1</sup> 12

Three courses in one of the following configurations: 9

Three courses in Classical Civilization (CLAS), including at least one numbered 200 or above. CLAS 125 and CLAS 126 do not satisfy this requirement. <sup>1</sup>

Three courses in GREK or LATN at any level.

Three courses combining GREK or LATN at any level and CLAS courses at any level, excluding CLAS 125 and CLAS 126. <sup>1</sup>

**Total Hours** 30

<sup>1</sup> A first-year seminar may be used to fulfill this requirement.

Classical Archaeology (CLAR) course descriptions (p. 298).

## Special Opportunities in Classics

### Honors in Classics

Classics majors wishing to take part in the departmental honors program during their senior year must have a grade point average of at least 3.3 at the beginning of their senior year and maintain an average no lower than this through their final semester in order to be eligible for honors consideration.

The program consists of two courses, CLAS 691H and CLAS 692H, taken sequentially in the fall and spring semesters. CLAS 691H involves a directed reading in Greek, Latin, or archaeology in a general area of the student’s interest and is conducted under the supervision of a faculty member chosen by the student to serve as the honors advisor. Requirements of the course include the preparation of a thesis prospectus with accompanying bibliography and a preliminary oral examination by the student’s thesis committee. A grade for CLAS 691H is assigned on the basis of the total semester’s work. CLAS 692H entails the writing of the thesis under the direction of the honors advisor and a final oral defense before the candidate’s committee. This body, in turn, reports its judgment to the department. If a degree with honors is to be awarded, a recommendation for either honors or, for particular merit, highest honors is made.

### Additional Opportunities

The Department of Classics supports a number of activities, including informal reading groups; the local chapter of Eta Sigma Phi, the national undergraduate classics honorary society; and annual oral performances and prize competitions in reciting and translating Greek and Latin texts. Several of the prize competitions involve substantial cash awards. Opportunities for undergraduate research include especially the senior honors thesis and participation in archaeological fieldwork as research assistants. The department encourages majors and minors to take part in summer archaeological field projects. Other opportunities for study abroad include the programs of the Intercollegiate Center for Classical Studies in Rome and the College Year in Athens, and the exchange with King’s College London. A number of departmental fellowships and other funding opportunities can help support participation in archaeological field projects and other research projects. Lastly, the Duke–UNC Consortium for Classical and Mediterranean Archaeology provides archaeology students access to coursework, seminars, excavations and other research opportunities, academic advising, and avenues for curricular and extracurricular interaction across both institutions. For further information about prizes, fellowships, and opportunities for research and study abroad, see the departmental w (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer->

programs/)ebsite (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer-programs/>).

## Department Programs

### Majors

- Classics Major, B.A.—Classical Archaeology (p. 309)
- Classics Major, B.A.—Classical Civilization (p. 310)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 312)

### Minors

- Classical Humanities Minor (p. 314)
- Greek Minor (p. 314)
- Latin Minor (p. 315)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics/>)
- Ph.D. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics/>)

## Contact Information

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### Director of Undergraduate Studies

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### Director of Archaeology Program

Jennifer Gates-Foster  
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## Classics Major, B.A.—Classical Civilization

This concentration is designed to provide students with a broad, basic knowledge of the classical world and with skills in analysis, written and oral communication, and logical argument that will be applicable in any profession. The civilization program is not designed to lead to graduate work in classics, although students do sometimes go on in the field, and it is often taken as part of a double major.

Majors in classical civilization may not elect a minor in the classical language that they use to satisfy their major requirements, although they may elect a minor in the other classical language. Students considering a major in classical civilization should consult the department as soon as possible.

## Student Learning Outcomes

Upon completion of the classical civilization program, students should be able to:





- Read and translate either Latin or Greek at an intermediate level.
- Outline the main periods and events in ancient history and discuss in detail several specific periods in that history. They will be able to relate the literatures of Greece and Rome to the historical developments.
- Analyze and assess the various types of evidence that survive from the ancient world, including written texts, historical materials, ancient art, and a range of material remains. They will be able to employ current and standard methods and theory in such analyses. They will be able to write essays and expository papers in which they demonstrate these abilities.
- Carry out independent research projects. They will be able to propose a useful research topic, gather evidence (employing both ancient materials and secondary scholarship, as appropriate), formulate theses based on the evidence, and set out the evidence, arguments for and against the theses, and conclusions. They will be able to do this employing the methods and conventions of modern scholarship.

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC—Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC—Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
CLAS 121	 The Greeks <sup>H</sup>	3
CLAS 122	 The Romans <sup>H</sup>	3
CLAS 391	 Junior Seminar	3
One of the following courses:		3
CLAR 244	 Greek Art and Archaeology	
CLAR 247	 Roman Art and Archaeology	
One GREK or LATN course numbered 204 or higher		3
Four additional courses chosen from the following list:		12
Any CLAR or CLAS course at the 200 level or above		
Any GREK or LATN course numbered 221 or higher		
Courses in ancient history at the 200 level or above (list below)		
Courses in ancient philosophy at the 200 level or above (list below)		
Courses in comparative classics (list below)		

### Additional Requirements

GREK 101, GREK 102, and GREK 203; or LATN 101, LATN 102, and LATN 203<sup>1</sup>


**Total Hours** 27

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> The first three levels of GREK or LATN can count toward the General Education Foundations requirement.




The department course listing (p. 298) shows course descriptions for Classical Archaeology (CLAR), Classics in English/Classical Civilization (CLAS), Greek (GREK), and Latin (LATN).

## Ancient History

Code	Title	Hours
HIST 225	 History of Greece	3
HIST 226	History of Rome	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 423	Archaic Greece, 800-480 BCE	3
HIST 424	Classical Greece (Sixth-Fourth Centuries BCE)	3
HIST 425	Roman History, 154 BCE-14 CE	3
HIST 427	The Early Roman Empire, 14 CE-193 CE	3
HIST 428	The Later Roman Empire, 193 CE-378 CE	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Ancient Philosophy

Code	Title	Hours
PHIL 210	 Wonder, Myth, and Reason: Introduction to Ancient Greek Science and Philosophy <sup>H</sup>	3
PHIL 411	 Aristotle	3
PHIL 412	 Plato	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Comparative Classics

Code	Title	Hours
ASIA 522	 Beauty and Power in the Classical Indian World	3

## Special Opportunities in Classics

### Honors in Classics

Classics majors wishing to take part in the departmental honors program during their senior year must have a grade point average of at least 3.3 at the beginning of their senior year and maintain an average no lower than this through their final semester in order to be eligible for honors consideration.

The program consists of two courses, CLAS 691H and CLAS 692H, taken sequentially in the fall and spring semesters. CLAS 691H involves

a directed reading in Greek, Latin, or archaeology in a general area of the student's interest and is conducted under the supervision of a faculty member chosen by the student to serve as the honors advisor. Requirements of the course include the preparation of a thesis prospectus with accompanying bibliography and a preliminary oral examination by the student's thesis committee. A grade for CLAS 691H is assigned on the basis of the total semester's work. CLAS 692H entails the writing of the thesis under the direction of the honors advisor and a final oral defense before the candidate's committee. This body, in turn, reports its judgment to the department. If a degree with honors is to be awarded, a recommendation for either honors or, for particular merit, highest honors is made.

## Additional Opportunities

The Department of Classics supports a number of activities, including informal reading groups; the local chapter of Eta Sigma Phi, the national undergraduate classics honorary society; and annual oral performances and prize competitions in reciting and translating Greek and Latin texts. Several of the prize competitions involve substantial cash awards. Opportunities for undergraduate research include especially the senior honors thesis and participation in archaeological fieldwork as research assistants. The department encourages majors and minors to take part in summer archaeological field projects. Other opportunities for study abroad include the programs of the Intercollegiate Center for Classical Studies in Rome and the College Year in Athens, and the exchange with King's College London. A number of departmental fellowships and other funding opportunities can help support participation in archaeological field projects and other research projects. Lastly, the Duke-UNC Consortium for Classical and Mediterranean Archaeology provides archaeology students access to coursework, seminars, excavations and other research opportunities, academic advising, and avenues for curricular and extracurricular interaction across both institutions. For further information about prizes, fellowships, and opportunities for research and study abroad, see the departmental website (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer-programs/>).

## Department Programs

### Majors

- Classics Major, B.A.—Classical Archaeology (p. 309)
- Classics Major, B.A.—Classical Civilization (p. 310)
- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 312)

### Minors

- Classical Humanities Minor (p. 314)
- Greek Minor (p. 314)
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### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics/>)
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## Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin

### Classics Major, B.A.—Greek

The goal of the concentration in Greek is the development of a basic command of the language and a solid knowledge of the literature, history, and culture of the Greeks. Students interested in an undergraduate major in Greek or in a combined major in Greek and Latin should consult the department by the second semester of the sophomore year. For Greek as satisfying the language requirement for the B.A. degree, see the General Education section in this catalog.

### Classics Major, B.A.—Latin

The goal of the concentration in Latin is the development of a basic command of the language and a solid knowledge of the literature, history, and culture of the Romans. Students interested in an undergraduate major in Latin or a combined major in Latin and Greek should consult the department by the second semester of the sophomore year. For Latin as satisfying the language requirement for the B.A. degree, see the General Education section in this catalog.

### Classics Major, B.A.—Combined Greek and Latin

This is not a double major, but a concentration designed to develop facility in both ancient languages and in the literatures of both Greece and Rome. This program is recommended for students who have a strong interest in continuing classical languages at the graduate level. In this major students emphasize one language yet acquire facility in the other.

### Student Learning Outcomes

Upon completion of the Greek, Latin, and combined programs, students should be able to:

- Translate into idiomatic English passages in prose and poetry in the target languages
- Analyze and evaluate the works of Greek and Latin authors, both in writing and orally. If appropriate given the nature of the material, they will be able to place the passages within their historical or literary contexts, and they will demonstrate an ability to employ earlier scholarship as well as current methodological and theoretical approaches.

- Conduct independent research projects. Their work will demonstrate an ability to employ scholarly conventions and current methodologies.



## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

### Classics Major, B.A.—Greek



Code	Title	Hours
<b>Core Requirements</b>		
CLAS 391	 Junior Seminar	3
GREK 204	Intermediate Greek II	3
	or GREK 205 Introductory Greek New Testament	
Five additional courses in Greek above GREK 205 <sup>1</sup>		15
HIST 225 or a course numbered 400 or above in Greek history		3
<b>Additional Requirements</b>		
GREK 101	Elementary Classical Greek I <sup>2</sup>	
GREK 102	Elementary Classical Greek II <sup>2</sup>	
GREK 203	 Intermediate Greek I <sup>2</sup>	
<b>Total Hours</b>		<b>24</b>

<sup>1</sup> CLAS 691H or CLAS 692H may on petition to the department count towards this requirement

<sup>2</sup> The first three levels of GREK can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

Greek (GREK) course descriptions (p. 298).

### Classics Major, B.A.—Latin

Code	Title	Hours
CLAS 391	 Junior Seminar	3
HIST 226 or a course numbered 400 or above in Roman history		3
LATN 204	Intermediate Latin II	3
	or LATN 205 Medieval Latin	
Six additional courses in Latin above LATN 205 <sup>1</sup>		18
<b>Additional Requirements</b>		
LATN 101	Elementary Latin I <sup>2</sup>	
LATN 102	Elementary Latin II <sup>2</sup>	
LATN 203	 Intermediate Latin I <sup>2</sup>	
<b>Total Hours</b>		<b>27</b>



- <sup>1</sup> CLAS 691H or CLAS 692H may on petition to the department count towards this requirement
- <sup>2</sup> The first three levels of LATN can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

Latin (LATN) course descriptions (p. 298).

## Classics Major, B.A.—Combined Greek and Latin

Code	Title	Hours
<b>Core Requirements</b>		
Choose one emphasis <sup>1</sup>		30
<b>Greek Emphasis</b>		
Five Greek courses above GREK 205		
Three Latin courses above LATN 205		
CLAS 391	 Junior Seminar	
HIST 225	 History of Greece	
	or HIST 226 History of Rome	
<b>Latin Emphasis</b>		
Five Latin courses above LATN 205		
Three Greek courses above GREK 205		
CLAS 391	 Junior Seminar	
HIST 225	 History of Greece	
	or HIST 226 History of Rome	
<b>Additional Requirements</b> <sup>2</sup>		17
GREK 101	Elementary Classical Greek I	
GREK 102	Elementary Classical Greek II	
GREK 203	 Intermediate Greek I	
GREK 204	Intermediate Greek II	
	or GREK 205 Introductory Greek New Testament	
LATN 101	Elementary Latin I	
LATN 102	Elementary Latin II	
LATN 203	 Intermediate Latin I	
LATN 204	Intermediate Latin II	
	or LATN 205 Medieval Latin	
<b>Total Hours</b>		<b>47</b>

- <sup>1</sup> CLAS 691H or 692H may on petition to the department substitute for one course above 205 in either the Greek emphasis or the Latin emphasis.
- <sup>2</sup> The first three levels of GREK or LATN can count toward the General Education Foundations requirement and have not been included as additional hours for the major. The 14 hours of the second language are included in the additional hours for the major.

Greek (GREK) and Latin (LATN) course descriptions (p. 298).

## Special Opportunities in Classics

### Honors in Classics

Classics majors wishing to take part in the departmental honors program during their senior year must have a grade point average of at least 3.3 at the beginning of their senior year and maintain an average no lower

than this through their final semester in order to be eligible for honors consideration.

The program consists of two courses, CLAS 691H and CLAS 692H, taken sequentially in the fall and spring semesters. CLAS 691H involves a directed reading in Greek, Latin, or archaeology in a general area of the student's interest and is conducted under the supervision of a faculty member chosen by the student to serve as the honors advisor. Requirements of the course include the preparation of a thesis prospectus with accompanying bibliography and a preliminary oral examination by the student's thesis committee. A grade for CLAS 691H is assigned on the basis of the total semester's work. CLAS 692H entails the writing of the thesis under the direction of the honors advisor and a final oral defense before the candidate's committee. This body, in turn, reports its judgment to the department. If a degree with honors is to be awarded, a recommendation for either honors or, for particular merit, highest honors is made.

### Additional Opportunities

The Department of Classics supports a number of activities, including informal reading groups; the local chapter of Eta Sigma Phi, the national undergraduate classics honorary society; and annual oral performances and prize competitions in reciting and translating Greek and Latin texts. Several of the prize competitions involve substantial cash awards. Opportunities for undergraduate research include especially the senior honors thesis and participation in archaeological fieldwork as research assistants. The department encourages majors and minors to take part in summer archaeological field projects. Other opportunities for study abroad include the programs of the Intercollegiate Center for Classical Studies in Rome and the College Year in Athens, and the exchange with King's College London. A number of departmental fellowships and other funding opportunities can help support participation in archaeological field projects and other research projects. Lastly, the Duke–UNC Consortium for Classical and Mediterranean Archaeology provides archaeology students access to coursework, seminars, excavations and other research opportunities, academic advising, and avenues for curricular and extracurricular interaction across both institutions. For further information about prizes, fellowships, and opportunities for research and study abroad, see the departmental website (<http://classics.unc.edu/undergraduate-2/study-abroad-and-summer-programs/>).

## Department Programs

### Majors

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### Minors

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- Greek Minor (p. 314)
- Latin Minor (p. 315)

### Graduate Programs

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Jennifer Gates-Foster  
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## Classical Humanities Minor

Classics is the study of the ancient Greek and Roman world; the Greek and Latin languages and literature; and the history, art, and culture that have been fundamental in shaping modern society. The minor in classical humanities is ideal for students who would like a structured introduction to ancient Greek and Roman civilization without the need to study one of the classical languages.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
One of the following:		3
CLAR 244	 Greek Archaeology	
CLAR 245	Archaeology of Italy	
CLAR 247	 Roman Archaeology	
CLAS 121	 The Greeks <sup>H</sup>	3
or CLAS 122	 The Romans	
CLAS 131	 Classical Mythology <sup>H</sup>	3
Two additional courses: any CLAR or CLAS course numbered above 132 or any GREK or LATN course not being used to fulfill the global/foreign language General Education requirement		6
<b>Total Hours</b>		<b>15</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Department of Classics course descriptions (p. 298) include:

- Classical Archaeology (CLAR)
- Classics in English/Classical Civilization (CLAS)
- Greek (GREK)
- Latin (LATN)

See the program page here (p. 309) for special opportunities.

## Department Programs

### Majors

- Classics Major, B.A.–Classical Archaeology (p. 309)
- Classics Major, B.A.–Classical Civilization (p. 310)
- Classics Major, B.A.–Greek, Latin, and Combined Greek and Latin (p. 312)

### Minors

- Classical Humanities Minor (p. 314)
- Greek Minor (p. 314)
- Latin Minor (p. 315)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics/>)
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## Greek Minor

Classics is the study of the ancient Greek and Roman world; the Greek and Latin languages and literature; and the history, art, and culture that have been fundamental in shaping modern society. The Greek minor is a less intensive version of the Greek concentration in the major, and requires only three courses in Greek beyond the fourth semester. It is a useful option for students with a particular interest in ancient philosophy or early Christianity.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b> <sup>1</sup>		
GREK 204	Intermediate Greek II	3
or GREK 205	Introductory Greek New Testament	
Two (2) additional courses numbered GREK 221 or higher		6
One (1) additional course chosen from any CLAR or CLAS course or any GREK or LATN course not being used to fulfill the global/foreign language General Education requirement		3
<b>Total Hours</b>		<b>12</b>

<sup>1</sup> The minor in Greek may not be used as an option for majors in classical archaeology or classical civilization who have chosen that language to fulfill degree requirements in that major.

Department of Classics course descriptions (p. 298) include:

- Classical Archaeology (CLAR)
- Classics in English/Classical Civilization (CLAS)
- Greek (GREK)
- Latin (LATN)

See the program page here (p. 313) for special opportunities.

## Department Programs

### Majors

- Classics Major, B.A.–Classical Archaeology (p. 309)
- Classics Major, B.A.–Classical Civilization (p. 310)
- Classics Major, B.A.–Greek, Latin, and Combined Greek and Latin (p. 312)

### Minors

- Classical Humanities Minor (p. 314)
- Greek Minor (p. 314)
- Latin Minor (p. 315)

### Graduate Programs

- M.A. in Classics (<http://catalog.unc.edu/graduate/schools-departments/classics/>)
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## Contact Information

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### Director of Archaeology Program

Jennifer Gates-Foster  
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## Latin Minor

Classics is the study of the ancient Greek and Roman world; the Greek and Latin languages and literature; and the history, art, and culture that have been fundamental in shaping modern society. The Latin minor is a less intensive version of the Latin concentration in the major, and requires only four courses in Latin beyond the fourth semester. It is a useful option for students who have studied Latin in high school and would like to continue for their own enjoyment, as well as for students with a particular interest in medieval or early modern studies.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Four (4) courses in Latin numbered LATN 221 or higher		12
<b>Total Hours</b>		<b>12</b>

The minor in Latin may not be used as an option for majors in classical archaeology or classical civilization who have chosen that language to fulfill degree requirements in that major.

Latin (LATN) course descriptions (p. 298).

See the program page here (p. 313) for special opportunities.

## Department Programs

### Majors

- Classics Major, B.A.–Classical Archaeology (p. 309)
- Classics Major, B.A.–Classical Civilization (p. 310)
- Classics Major, B.A.–Greek, Latin, and Combined Greek and Latin (p. 312)

### Minors

- Classical Humanities Minor (p. 314)
- Greek Minor (p. 314)
- Latin Minor (p. 315)

#### Graduate Programs

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## Department of Communication Introduction

The study of communication is essential for participating in an increasingly complex and mediated global environment. The Department of Communication's mission is to advance communication for the public good. Through its teaching, research, and service, the department addresses the many ways communication functions to create, sustain, and transform personal life, social relations, political institutions, economic organizations, and cultural and aesthetic conventions in society; promotes competencies required for various modes of mediated and non-mediated communication; and develops skills for analyzing, interpreting, and critiquing communication problems and questions. The curriculum is designed to enable students to develop the capacities to be knowledgeable and responsible producers and consumers of communication through engagement, critique, and creativity. The programs of study offered by the department reflects its vision of citizen-scholars building a better North Carolina and world.

## Advising

Department advising for the major in communication studies is conducted by

1. a full-time lecturer/advisor who holds office hours in Bynum Hall and Steele Building (see the department's website (<https://comm.unc.edu/>) for the advisor's office and office hours),
2. the director of undergraduate studies for the Department of Communication (see the department's website (<https://comm.unc.edu/>) for the director's office and office hours), and
3. representative faculty members.

## Facilities

The department has extensive media production and performance studies facilities located in the Media Arts Space at 108 East Franklin Street, Swain Hall and Bingham Hall. The Media Arts Space is home to state-of-the-art media production equipment, classroom space, and editing suites. It also houses Studio 6, where numerous live performances are staged. Bingham Hall contains the Martha Nell Hardy Performance Space.

## Graduate School and Career Opportunities

Upon completion of their degrees, students are prepared for graduate study and research in communication. Advanced study may be pursued in a problem-defined approach to communication research. A substantial number of graduate assistantships allow M.A.-through-Ph.D. and Ph.D.-only candidates to gain experience in research, teaching, production, and administration. Graduate study is characterized by intensive participation in seminars, original research and creative activities, and close work with individual faculty members. Students are also prepared for advanced study in related academic disciplines such as law.

The career outlook for students with degrees in communication studies is promising, and graduates enter a variety of professions that value communication knowledge and skills. Communication studies majors are prepared to serve as communication specialists in business; in federal, state, and local governments and agencies; and in public service. Some of the specific areas in which majors pursue careers are teaching, social advocacy, nonprofit leadership and management, public relations and advertising, personnel management and training, management consulting, video and film production, and work with emerging technologies.

According to the Federal Bureau of Labor, overall employment in media and communication occupations is projected to grow 6 percent by 2031, resulting in 68,600 currently non-existing jobs over the decade. About 115,800 jobs are projected each year. The median annual salary for media and communication professionals was \$62,340 in May 2021, which was higher than the median annual salary for all occupations of \$45,760.

An understanding of communication provides a strong base for a range of career options. The mission of the department is to go beyond narrow technical training by providing a liberal arts approach to communication. This provides the student with maximum latitude for promotion and advancement and avoids limited career opportunities resulting from narrow approaches to the field.

The burgeoning growth of communication industries and support fields provides a range of career opportunities. Graduates of the department, who number well over 4,000, are engaged in a variety of occupations ranging from work for international corporations to jobs at local nonprofit organizations.

#### Majors

- Communication Studies Major, B.A. (p. 329)
- Interdisciplinary Studies Major, B.A.—Cultural Studies (p. 334)

#### Minor

- Writing for the Screen and Stage Minor (p. 335)

#### Graduate Programs

- Ph.D. in Communication Studies (<http://catalog.unc.edu/graduate/schools-departments/communication/>)

## Professors

Renee Alexander Craft, Cori Dauber, Torin Monahan, Patricia Parker, Tony Perucci, Joyce Rudinsky, Avi Santo.

## Associate Professors

Bill Brown, Sarah E. Dempsey, Julia Haslett, Christian O. Lundberg, Steven K. May, Alice Marwick, Michael Palm, Kumi Silva, Michael S. Waltman.

## Assistant Professors

Lisa Calvente, Rishi Chebrolu, Aaron Shapiro, Katie Margavio Striley.

## Adjunct Professors

Greg Flaxman, Amanda Graham, Mark Katz, Daniel Kreiss, Chérie Rivers Ndaliko, Christopher Nelson, John Pickles, Barry Saunders, Randall Styers.

## Teaching Professor

Joseph Megel.

## Teaching Associate Professors

Kristin Hondros, Kevin Marinelli, David Monje.

## Professor of the Practice

Joy Goodwin.

## Visiting Lecturers


Michael Acosta, Howard Craft, James Lampley.

## Professors Emeriti

Bill Balthrop, Carole Blair, Beverly Long Chapin, Dana Coen, Robert Cox, Howard D. Doll, Paul Ferguson, Lawrence Grossberg, Ken Hillis, Gorham A. Kindem, Dennis Mumby, James W. Pence Jr., Della Pollock, Edward Rankus, Lawrence B. Rosenfeld, Francesca Talenti, Julia Wood.

## COMM—Communication Studies

### Undergraduate-level Courses

 **COMM 51. First-Year Seminar: Organizing and Communicating for Social Entrepreneurs. 3 Credits.**


This course examines the historical and current development of social entrepreneurship as a field of study and practice, with particular attention to successful organizational communication strategies designed to solve community problems.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **COMM 53. First-Year Seminar: Collective Leadership Models for Community Change. 3 Credits.**


This course will explore communication models for collective leadership involving youth and adults in vulnerable communities. Partnering with local youth-focused organizations, students will work in teams to research and design community-based change projects.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, EE- Field Work.

**Grading Status:** Letter grade.


 **COMM 57. First-Year Seminar: Is There Life after College?: The Meaning of Work in Contemporary Life. 3 Credits.**

Examines the historical emergence of work as a defining feature of contemporary life. The course asks, What is a "career"? How have neoliberalism and post-Fordism influenced understandings of work and career? How have changing conceptions of work influenced other aspects of life, including family, leisure, consumption, and self-identity?

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **COMM 61. First-Year Seminar: The Politics of Performance. 3 Credits.**

In this course students will explore the possibilities of making political performances, or making performances political. We will be particularly concerned with how performance may contribute to processes of social change.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-CREATE or FC-POWER.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **COMM 62. First-Year Seminar: African American Literature and Performance. 3 Credits.**

This course examines the question of what characterizes "Blackness" as it manifests through experience, history, and symbol in the United States, as well as the impact of African practices and identities upon blackness in the United States. The course is concerned with what has been termed the "black literary imagination".

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **COMM 63. First-Year Seminar: The Creative Process in Performance. 3 Credits.**


Students will be engaged with multimedia, music, dance, and theater performances. We will explore the creative processes and cultural contexts of these performances and will compare the arts as a way of knowing the world to the creative processes of academic scholarship.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.


**Making Connections Gen Ed:** VP, CI, US.

**Grading Status:** Letter grade.

 **COMM 73. First-Year Seminar: Understanding Place through Rhetoric. 3 Credits.**

This seminar explores how we come to understand what places are and how they are meaningful. We will look at places "rhetorically": how they were designed to persuade those who inhabit them, how we actually experience them, and how we make sense of them in our individual lives.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

 **COMM 75. First-Year Seminar: Researching Society and Culture. 3 Credits.**

Qualitative research offers an exciting way to discover the world. In this course, students will gain focused training in qualitative research methods, learn how to analyze qualitative data, design and perform qualitative research studies, and report research findings.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, RESEARCH.  
**Grading Status:** Letter grade.

 **COMM 82. First-Year Seminar: Food Politics from an Organizational Communication Perspective. 3 Credits.**

This course provides an applied introduction to food politics by adopting a critical organizational communication lens on our globalized food system. We explore food system labor practices, the role of multinational companies and global commodity chains, the status of hunger and food deserts, the role of food marketing and consumption practices, and the growth of local and sustainable movements devoted to food justice.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER, HI-SERVICE.  
**Making Connections Gen Ed:** SS, CI, EE- Service Learning.  
**Grading Status:** Letter grade.

 **COMM 83. First-Year Seminar: Networked Societies. 3 Credits.**

This seminar is designed to introduce early-career students to the role that networks play in contemporary global societies. We will examine key ways to think about network societies by taking up the idea of the network in social, political, economic, cultural, and technological terms.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER.  
**Making Connections Gen Ed:** SS.  
**Grading Status:** Letter grade.

 **COMM 84. First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution. 3 Credits.**

An introduction to the history, culture, and politics of "zines," self-published, small-circulation, noncommercial printed work. In this hands-on course, students will read, discuss, and create a wide variety of zines that explore a multitude of forms and genres. Students will be visited by local zine makers and participate in zine-making workshops; create a collection of their own zines; and participate in the Zine Machine: Durham Printed Matter Festival.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-CREATE, RESEARCH.  
**Grading Status:** Letter grade.

 **COMM 85. First-Year Seminar: Think, Speak, Argue. 3 Credits.**

This is a course in learning to think more critically, speak more persuasively, and argue more effectively by focusing on practical skill development in reasoning and debate.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** CI.  
**Grading Status:** Letter grade.

 **COMM 86. First-Year Seminar: Surveillance and Society. 3 Credits.**

How are surveillance technologies altering social life? This course will explore this question by mapping the complex ways that technologies and societies interact to produce security, fear, control, vulnerability, and/or empowerment.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** SS, NA.  
**Grading Status:** Letter grade.

 **COMM 88. First-Year Seminar: Technologies of Popular Culture. 3 Credits.**

This seminar takes an historical approach to the relationship between popular culture and technological change. We will explore how artists and other workers (including audiences) in the TV, smart phone, and especially music industries have incorporated new technology into the production, distribution, and consumption of cultural commodities and experiences.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** CI.  
**Grading Status:** Letter grade.

 **COMM 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

**COMM 100. Communication and Social Process. 3 Credits.**

Addresses the many ways our communication—including language, discourse, performance, and media—reflects, creates, sustains, and transforms prevailing social and cultural practices.


**Rules & Requirements**

**Grading Status:** Letter grade.

 **COMM 113. Public Speaking. 3 Credits.**

Theory and extensive practice in various types of speaking.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** COMMBEYOND.  
**Making Connections Gen Ed:** CI.  
**Grading Status:** Letter grade.

 **COMM 120. Introduction to Interpersonal and Organizational Communication. 3 Credits.**

An introduction to communication theory, research, and practice in a variety of interpersonal and organizational contexts. This course examines the role of communication in both personal and professional relationships. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Grading Status:** Letter grade.

**Same as:** MNGT 120.

 **COMM 130. Introduction to Media Production. 3 Credits.**

Permission of the instructor for nonmajors. Prerequisite for all production courses. Introduces students to basic tools, techniques, and conventions of production in audio, video, and film.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**COMM 131. Writing for the Screen and Stage. 3 Credits.**

Restricted course. Dramatic writing workshop open only to students in the writing for the screen and stage minor.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**Same as:** DRAM 131.

 **COMM 140. Introduction to Media History, Theory, and Criticism. 3 Credits.**

An introduction to the critical analysis of film, television, advertising, video, and new media texts, contexts, and audiences.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections).

**Grading Status:** Letter grade.

 **COMM 142. Popular Music. 3 Credits.**

This class explores the historical, social, political, and cultural significances of popular music as a communicative practice in the United States from 1950 to the present.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, COMM 140.

**Grading Status:** Letter grade.

 **COMM 150. Introduction to New Media. 3 Credits.**

An introduction to the design, aesthetics, and analysis of various forms of digital media. Hands-on experience with different modes of creation, including graphics, web-based communication, and social media.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **COMM 160. Introduction to Performance Studies. 3 Credits.**

As the introductory course in performance studies, students will explore and experiment with performance as ritual, performance in everyday life, and the performance of literature. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **COMM 170. Rhetoric and Public Issues. 3 Credits.**

Examines the basic nature and importance of rhetoric and argumentation. Attention is devoted to interpreting the persuasive function of texts and their relation to modern forms of life.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**COMM 171. Argumentation and Debate. 3 Credits.**

Analysis of issues, use of evidence, reasoning, briefmaking, and refutation. Argumentative speeches and debates on legal cases and on current events. Designed for prospective law students, public policy students, speech teachers, and college debaters.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **COMM 223. Small Group Communication. 3 Credits.**

Permission of the instructor for nonmajors. Introduction to the theory and practice of communication in the small group setting. Topics may include group development, conformity and deviation, gender, problem solving, and power and leadership.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Requisites:** Prerequisite, COMM 120.

**Grading Status:** Letter grade.

**Same as:** MNGT 223.

**COMM 224. Introduction to Gender and Communication. 3 Credits.**

Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**Same as:** WGST 224.

**COMM 230. Audio/Video/Film Production and Writing. 3 Credits.**

The material, processes, and procedures of audio, video, and film production; emphasis on the control of those elements of convention that define form in the appropriate medium. Lecture and laboratory hours.

**Rules & Requirements**

**Requisites:** Prerequisites, COMM 130 and 140; Grade of C or better in COMM 130; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**COMM 249. Introduction to Communication Technology, Culture, and Society. 3 Credits.**

Historical exploration of the sociocultural import of communication technologies, from the introduction of the telegraph in the mid-1800s through current implications of the Internet and various digital devices.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**COMM 251. Introduction to American Film and Culture, 1965-Present. 3 Credits.**

An introduction to some key connections between American film history and cultural history since 1965, most of which remain backbones of United States film culture to this day.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**COMM 260. Introduction to Performance and Social Change. 3 Credits.**

This course addresses the relationship between performance and power, focusing on topics concerned with the potential for performance to contribute to social change.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 262. Introduction to the Performance of Culture. 3 Credits.**

Introduces students to performance as a way of studying culture in all of its creative, dynamic forms, including family stories, joking, rituals, and practices of everyday life. The course emphasizes field methods and experiential research. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**COMM 263. Performing Literature. 3 Credits.**

Introduction to the study and practice of performing literature. Students will create, rehearse, and stage performances that draw on fiction, poetry, non-fiction, and/or memoir. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**COMM 312. Persuasion. 3 Credits.**

Permission of the instructor for nonmajors. Examines contemporary theory and practice of influencing others' attitudes, beliefs, and actions. Focuses particularly on analyzing and developing persuasive messages.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 120.

**Grading Status:** Letter grade.

**COMM 318. Cultural Diversity. 3 Credits.**

Introduction to basic paradigms of thinking about cultural difference, encouraging students to examine how these paradigms shape how we think, act, and imagine ourselves/others as members of diverse cultures.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**COMM 325. Introduction to Organizational Communication. 3 Credits.**

Permission of the instructor for nonmajors. The course explores the historical and theoretical developments in the research and practice of organizational communication. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, COMM 120.

**Grading Status:** Letter grade.

**Same as:** MNGT 325.

**COMM 330. Introduction to Writing for Film and Television. 3 Credits.**

An introduction to screenwriting for film and television.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 331. Writing the Short Film. 3 Credits.**

Students practice and learn the craft of narrative, short film writing by conceptualizing, outlining, writing, and rewriting three short film scripts. They include one three-minute silent, one five-minute script with dialogue, and one 15-minute script with dialogue.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 334. Writing the One-Hour TV Drama. 3 Credits.**

Students in this class will live the life of a writing staff on a just-picked-up, fictional, one-hour television series. As if on a real series, they will individually and cooperatively create story ideas, treatments, and outlines, as well as write scenes, acts, and entire scripts.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, COMM 330.

**Grading Status:** Letter grade.

**COMM 335. Film Story Analysis. 3 Credits.**

A variety of feature films (both domestic and foreign) are screened in class and analyzed from a storytelling perspective. Emphasis is on the range of possibilities the screenwriter and film director face in the process of managing the audience's emotional involvement in a story.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Grading Status:** Letter grade.

**COMM 337. Visual Storytelling for Screenwriters. 3 Credits.**

Priority given to majors. This course instructs students on how to tell stories in a visual manner. How do the words on a page get translated onto a screen and how will the writer collaborate visually with a director? It is designed for writers to better understand how their scripts are interpreted and to improve visual writing.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Grading Status:** Letter grade.



**COMM 345. Gender and Film. 3 Credits.**

This course examines the representations of women in contemporary American film and also considers women as producers of film.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** WGST 345.

**COMM 348. Algorithms and Society. 3 Credits.**

Society, we're told, is increasingly subject to automated decisions rendered by algorithm. What effects do algorithmic classifications have on social, cultural, and economic life? When, how, and why do institutions use algorithms? Are they really more "objective" than human decisions? How are the costs and benefits of algorithmic systems distributed? What does it mean to say we now live in an "algorithmic society"?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**COMM 350. Practices of Cultural Studies. 3 Credits.**

Introduces students to the history, methods, and central intellectual questions of cultural studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** SS, CI, GL.

**Grading Status:** Letter grade.

**COMM 355. Terrorism and Political Violence. 3 Credits.**

This course is a multi-disciplinary analysis of the phenomena of terrorism and political violence, their history, causes, the threat they pose, and what steps the United States can take in response.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PWAD 355.

**COMM 360. Social Media and Society. 3 Credits.**

This class examines the relationship between society and computer-mediated communication technologies known as "social media," including Facebook, Snapchat, Instagram, Twitter, YouTube, and more. It aims to break down the mythologies of social media and develop methods of analysis and critical understanding. Drawing from communication, sociology, anthropology, and cultural studies, students will understand social media's role within a larger social context.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Requisites:** Prerequisite, COMM 140.

**Grading Status:** Letter grade.

**COMM 371. Argumentation. 3 Credits.**

This course examines the theory and practice of argument and deliberation in communication studies, drawing from resources in rhetorical studies, informal logic, and argumentation. Intended for pre-law, public policy and other students interested in argumentation.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 372. The Rhetoric of Social Movements. 3 Credits.**

Explores the discourse of dissident voices in American society, particularly as they speak about grievances pertaining to race, gender, the environment; focuses on rhetorical strategies that initiate and sustain social movements.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 374. The Southern Experience in Rhetoric. 3 Credits.**

Examines recurrent themes in the rhetoric of significant Southerners and important campaigns. Considers both the rhetoric of the establishment and the rhetoric of change.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, US.

**Grading Status:** Letter grade.

**COMM 375. Environmental Advocacy. 3 Credits.**

Explores rhetorical means of citizen influence of practices affecting our natural and human environment; also, study of communication processes and dilemmas of redress of environmental grievances in communities and workplace.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, CI.

**Grading Status:** Letter grade.

**Same as:** ENEC 375.

**COMM 386. Dance and Embodied Knowledge in the Indian Context. 3 Credits.**

In this theory-practice course focusing on religion, performance, and South Asian studies we will analyze the nature of embodied knowledge, aesthetic theory, and the creative power of dance performance in the Indian context. The course also includes a practical component involving embodied experience with Indian classical dance forms.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 386, ASIA 386.

**COMM 387. Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture. 3 Credits.**

This course offers an introduction to the history and practice of East Asian martial arts. We will explore the social, political, and cultural contexts of the martial arts, from the classical period to the present. Integral to this course is a practical component involving embodied experience with martial arts training.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING, HI-PERFORM.

**Making Connections Gen Ed:** BN, EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** RELI 387, ASIA 387.

**COMM 390. Special Topics in Communication Study. 3 Credits.**

A special topics course on a selected aspect of communication studies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**COMM 393. Internships. 1-3 Credits.**

Permission of the department. Majors only. 2.5 cumulative grade point average required. Individualized study closely supervised by a faculty advisor and by the departmental coordinator of internships. Cannot count toward the COMM major.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**COMM 396. Independent Study and Directed Research. 1-3 Credits.**

Permission of the department. Majors only. 3.0 cumulative grade point average and 3.5 communication studies grade point average required. For communication studies majors who wish to pursue independent research projects or reading programs under the supervision of a selected instructor. Intensive individual research on a problem designed by instructor and student in conference.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****COMM 412. Critical Theory. 3 Credits.**

An introduction to European modern and contemporary philosophy, from the enlightenment to contemporary postmodernism.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**COMM 422. Family Communication. 3 Credits.**

Growth in technologies, more frequent travel, and movements of products and people across the borders of nation states change concepts of family and community. Foregrounded by these realities, this course combines theories of family and communication with documentation of lived experience to interrogate family communication patterns in contemporary culture. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** GL, US.

**Requisites:** Prerequisite, COMM 120.

**Grading Status:** Letter grade.

**COMM 423. Critical Perspectives on Work, Labor, and Professional Life. 3 Credits.**

This upper level seminar develops a critical perspective on work, labor, and professional life within the global context. Throughout, we will engage in moral and philosophical debates about the status of labor and the meanings of work in our daily lives.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 430. History of American Screenwriting. 3 Credits.**

This viewing and research-intensive course examines the history of American narrative film through the screenwriter's experience, using a decade-by-decade approach to examine the political, social, global, psychological, religious, and cultural influences on the art, process, and careers of screenwriters.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Grading Status:** Letter grade.

**COMM 431. Advanced Audio Production. 3 Credits.**

Advanced analysis and application of the principles and methods of audio production.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisite, COMM 130 or 150; Grade of C or better in COMM 130; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 432. Visual Culture. 3 Credits.**

Course provides an overview of theories of visual culture. We apply these theories to better understand contemporary visual media and technologies, along with the everyday media practices they support.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, COMM 140; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 433. Intermediate Screenwriting. 3 Credits.**

Open only to students in the writing for the screen and stage minor. Conceiving and outlining a feature-length screenplay.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 131.

**Grading Status:** Letter grade.

**COMM 435. Memory Acts. 3 Credits.**

Advanced introduction to foundational work in memory and performance studies, emphasizing theory and practice of various forms of remembering. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 437. United States Black Culture and Performance. 3 Credits.**

Examines how the United States Black experience is constituted in and through performance across a range of cultural contexts including the antebellum South, Reconstruction, the Harlem Renaissance, the Black Aesthetic, and contemporary urban life.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, US.

**Requisites:** Prerequisite, COMM 160.

**Grading Status:** Letter grade.

**COMM 450. Media and Popular Culture. 3 Credits.**

Permission of the instructor for nonmajors. Examination of communication processes and cultural significance of film, television, and other electronic media.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, COMM 140.

**Grading Status:** Letter grade.

**COMM 453. The History of New Media Technology in Everyday Life. 3 Credits.**

The starting point for this course, chronologically and conceptually, is the emergence of popular media technology. Our purview includes transformative innovations in mediated communication, such as telephony and e-mail, alongside familiar media technologies such as televisions and computers.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, COMM 140.

**Grading Status:** Letter grade.

**COMM 454. Media and Activism. 3 Credits.**

A study of the electronic media as a feedback mechanism for community organization and social change. A variety of broadcast and nonbroadcast uses of the media are studied.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 455. Sound Studies. 3 Credits.**

This course is about sound and the auditory dimension. In a society dominated by images and spectacle, sound and listening have been remarkably under-appreciated. Sound is physical—the vibration of molecules according to frequencies, pitches, and intensities—and biological—our ability to hear is an evolutionary trait. But sound is also cultural (what qualifies as signal or noise?), technological (how is sound recorded and reproduced?), and historical (how has the soundscape changed and how have we listened differently).

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 140; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 463. Creating the Solo Performance. 3 Credits.**

This course examines processes of creating and performing solo work. Students engage a variety of performances: autobiographical, representation of the lives of other/s, and exploration of cultural or political ideas.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, COMM 160, DRAM 120, or ENGL 206, 207, or 208; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 464. Collaborative Performance. 3 Credits.**

Theory and practice of collaborative performance, emphasizing image, intertextual adaptation, site-specific and installation work, avant-garde traditions, and the play of time and space. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**COMM 466. Advanced Study in Performing Literature. 3 Credits.**

This course engages the theory and embodiment of prose fiction, poetry, and other kinds of literary texts, including nonfiction. Students practice adaptation and script preparation, solo/group performance, and performance critique.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-KNOWING, HI-PERFORM.

**Making Connections Gen Ed:** LA, EE- Performing Arts.

**Requisites:** Prerequisite, COMM 160.

**Grading Status:** Letter grade.

**COMM 470. Political Communication and the Public Sphere. 3 Credits.**

A course covering the relationship between communication and political processes and institutions. Topics include media coverage and portrayal of political institutions, elections, actors, and media influence on political beliefs.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**COMM 471. Rhetorics of Public Memory. 3 Credits.**

Takes up the fundamental assumptions of contemporary memory studies and the centrality of rhetoric to memory. Research focus on how constructions of the past respond to the present and future.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 472. Rhetorical Criticism. 3 Credits.**

Approaches to the analysis and assessment of rhetorical practice with a focus on how rhetoric reflects and shapes public culture.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Requisites:** Prerequisite, COMM 170.

**Grading Status:** Letter grade.

**COMM 490. Special Topics in Communication Studies. 3 Credits.**

Permission of the instructor for nonmajors. A special topics course on a selected aspect of communication studies.

**Rules & Requirements**


**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **COMM 499. The Dark Side of Interpersonal Communication. 3 Credits.**

The "dark side" of communication is a metaphor describing the study of disruptive, dysfunctional, distorted, distressing, and destructive aspects of communication. This course explores humanity's darker side that allows us to reject, exclude, stigmatize, exploit, objectify, misguide, lie, and cheat. The course examines various theoretical perspectives and applies them to everyday problems in interpersonal encounters. A sample of topics discussed include: prejudice, stigma, marginalization, bullying, ostracism, resistance, manipulation, conformity, deceit, gossip, rumors, infidelity, and revenge.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** SS, CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**COMM 500. Visual and Material Rhetoric. 3 Credits.**

This course explores the use of rhetorical criticism as a way to understand how the visual and material are used for symbolic and political purposes. Examples ranging from news images to public art will be studied.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 170.

**Grading Status:** Letter grade.

**COMM 521. Communication and Social Memory. 3 Credits.**

Permission of the instructor for nonmajors. An investigation of psychological aspects of communication, particularly the perceptual and interpretive processes underlying the sending and receiving of messages.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 523. Communication and Leadership. 3 Credits.**

Permission of the instructor for nonmajors. Critical examination of alternative theories of leadership and trends in the study of leadership; focuses on the communicative dimensions of leadership.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 120.

**Grading Status:** Letter grade.

 **COMM 524. Gender, Communication, and Culture. 3 Credits.**

Course examines the speeches and other texts that announced and embodied the goals and political strategies of multiple branches of three waves of feminist activism in the United States.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Requisites:** Prerequisite, COMM 224; permission of the instructor for non-majors.

**Grading Status:** Letter grade.

**Same as:** WGST 524.

**COMM 525. Organizational Communication. 3 Credits.**

Permission of the instructor for nonmajors. Provides a critical exploration of organizational communication theory, research, and application, examining the factors involved in the functioning and analysis of complex organizations.

**Rules & Requirements**


**Requisites:** Prerequisites, COMM 120 and 325.

**Grading Status:** Letter grade.

 **COMM 526. Critical-Cultural Approaches to Organizational Communication. 3 Credits.**

The study of organizational culture operates on a set of assumptions distinct from traditional management perspectives. This course explores the cultural perspective as an alternative approach to understanding organizational communication processes.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, COMM 325; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **COMM 527. Organizational Ethics. 3 Credits.**

A critical examination of the theory, research, and practice of organizational ethics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Requisites:** Prerequisite, COMM 325.

**Grading Status:** Letter grade.

**COMM 532. Performing the Screenplay. 3 Credits.**

Introduces students to approaches for creating performance from screenplays and other texts for electronic media forms, focusing on scripts as literature and the tensions between live and electronically delivered performances.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **COMM 534. Aesthetic and Technical Considerations in Making Short Videos. 3 Credits.**

The course examines the aesthetic and technical elements at work and play in cinematic storytelling. The student is required to complete three projects and will gain hands-on experience in narrative filmmaking.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Requisites:** Prerequisite, COMM 230.

**Grading Status:** Letter grade.

**COMM 535. Introduction to Screen Adaptation. 3 Credits.**

Students practice the craft of screen adaptation by conceptualizing, outlining, and writing scenes based on material from another medium (both fiction and nonfiction). Work is presented, discussed, and performed in a workshop environment.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, COMM 131, 330, ENGL 130, or 132H.

**Grading Status:** Letter grade.

**COMM 537. Master Screenwriting. 3 Credits.**

Open only to students in the writing for the screen and stage minor. Students will write and workshop a full-length feature film screenplay. Students will learn about the film and television business through a combination of research, in-class discussions, and interactive interviews with industry insiders.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 433.

**Grading Status:** Letter grade.

**COMM 549. Sexuality and Visual Culture. 3 Credits.**

Examines questions about sexuality and how it has changed over time, through various media of visual communication.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **COMM 561. Performance of Women of Color. 3 Credits.**

Explores through performance contemporary poetry, fiction, nonfiction, and feminist thought by women of color in the United States. Honors version available.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, COMM 160.

**Grading Status:** Letter grade.

**Same as:** WGST 561.

 **COMM 562. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** FOLK 562, HIST 562, WGST 562.

**COMM 564. Performance and Popular Culture. 3 Credits.**

Critical examination of the operation of performance as a cultural phenomenon, with an emphasis on meaning, power, and resistance in cultural events, social practices, and media spectacles.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 160.

**Grading Status:** Letter grade.

**COMM 568. Adapting and Directing for the Stage. 3 Credits.**

This course introduces students to practices in adapting and directing literary texts for live ensemble performance. Students will create original performance work, engage in collaborative critique, and discuss the development of aesthetic value.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 160.

**Grading Status:** Letter grade.

**COMM 571. Rhetorical Theory and Practice. 3 Credits.**

Investigates the theoretical definitions and uses of rhetorical interpretation and action in spoken, written, visual, material practices, discourses, and events.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 170.

**Grading Status:** Letter grade.

**COMM 572. Public Policy Argument. 3 Credits.**

Analyzes argument in a variety of contexts with an emphasis on public policy and exploring tensions involved in addressing both expert and public audience in the political sphere. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 170.

**Grading Status:** Letter grade.

**COMM 573. The American Experience in Rhetoric. 3 Credits.**

Examines public discourse from the colonial period to the present. Discourses, critical perspectives, and historical periods studied will vary.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 170.

**Grading Status:** Letter grade.

**COMM 574. War and Culture. 3 Credits.**

Examines American cultural myths about war generally and specifically about the causes of war, enemies, weapons, and warriors, and the way these myths constrain foreign and defense policy, military strategy, and procurement.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PWAD 574.

**COMM 575. Presidential Rhetoric. 3 Credits.**

The power of the presidency depends in part upon the president's ability to rally public opinion, which depends upon the president's ability to use the "bully pulpit." This course examines the hurdles presidents face and the steps presidents take to shape opinion.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 170.

**Grading Status:** Letter grade.

**Same as:** PWAD 575.

**COMM 576. Making and Manipulating "Race" in the United States. 3 Credits.**

This course will examine how tropes of "race" are symbolically invented and experienced psychologically and emotionally. This course assesses how "race" reflects and shapes cultural politics.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**COMM 577. Rhetoric and Black Culture. 3 Credits.**

This course will explore the complex ways in which Black aesthetic forms and creative expression function as public discourse.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**COMM 596. Advanced Independent Study/Directed Reading. 1-3 Credits.**

Permission of the department. Majors only. 3.0 cumulative grade point average and 3.5 communication studies grade point average required. For the communication studies major who wishes to pursue an advanced independent research project under the supervision of a selected instructor. Intensive individual research on a problem designed by instructor and student in conference.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**COMM 620. Theories of Interpersonal Communication. 3 Credits.**

Permission of the instructor for nonmajors. Course focuses on how communication is used to build and sustain interpersonal relationships. Forms and functions of communication are examined as a means of testing and defining relationships.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 120.

**Grading Status:** Letter grade.

**COMM 622. Environmental Filmmaking: Creative Production and Social Impact. 3 Credits.**

A workshop to study and create non-fiction films about the environment. The course examines aesthetic, narrative, and representational strategies with an eye to how these films can contribute to critical conversations about our species' impact on the natural world. Special attention will be paid to questions of environmental justice and the disproportionate effects of environmental hazards on communities of color and low-income communities.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Requisites:** Prerequisite, COMM 130 or Permission of the Instructor.

**Grading Status:** Letter grade.

**COMM 624. Hate Speech. 3 Credits.**

The primary focus of hate speech is on the ways that interactants manipulate hatred to accomplish a variety of social and personal goals. The pursuit of this focus will allow the student to appreciate the operation of hatred in a variety of contexts. Often taught as a service-learning course.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**COMM 625. Communication and Nonprofits in the Global Context. 3 Credits.**

Introduces students to the opportunities, challenges, and rewards of participation within the nonprofit/NGO sector. The course also equips students with the skills needed to design and conduct engaged scholarship.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning, EE- Mentored Research, GL.

**Grading Status:** Letter grade.

**COMM 635. Documentary Production. 3 Credits.**

A workshop in the production of video and/or film nonfiction or documentary projects. The course will focus on narrative, representational, and aesthetic strategies of documentary production.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, RESEARCH.

**Requisites:** Prerequisite, COMM 230.

**Grading Status:** Letter grade.

**COMM 636. Interactive Media. 3 Credits.**

Explores interactive media through creative projects that include sound, video, and graphic elements. Technical information will serve the broader goal of understanding the aesthetics and critical issues of interactive media.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 638. Game Design. 3 Credits.**

Permission of the instructor for nonmajors. Studio course that explores gaming critically and aesthetically. Practice in game design and production including 3-D worlds and scripting.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, COMM 150.

**Grading Status:** Letter grade.

**COMM 640. Game Studio. 3 Credits.**

Game Studio is a project-based course in the new media track. This course is designed to provide a structured environment, instructor and peer feedback, along with technical and conceptual resources in which to complete a new media project. Students may work individually or on collaborative teams. The class focuses on idea development, design, and experimentation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, COMM 638; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 642. Special Topics in Cultural Studies. 3 Credits.**

Permission of the instructor for nonmajors. This course will explore various specific topics, theories, and methodologies in cultural studies.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 350.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**COMM 644. Documentary Production: First Person Filmmaking. 3 Credits.**

Students create documentaries emphasizing the filmmaker's personal perspective and experience: essay, diary, and autobiographical films, and pieces in which the filmmaker performs a role for expressive or political ends. Significant class time is devoted to work-shopping student films.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Requisites:** Prerequisite, COMM 230; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 645. The Documentary Idea. 3 Credits.**

Permission of the instructor for nonmajors. Historical and theoretical examination of expressions of the documentary idea in different eras and various modes including film, television, and radio.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 140.

**Grading Status:** Letter grade.

**COMM 646. Introduction to the Art and Mechanics of Two-Dimensional Digital Animation. 3 Credits.**

Students use Adobe After-Effects and Adobe Photoshop as their primary image software to create several original animations. Assignments are given weekly, and a substantial final project is expected.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 130 or 150; Grade of C or better required in COMM 130.

**Grading Status:** Letter grade.

**COMM 647. Advanced Projects in Media Production. 3 Credits.**

Recommended preparation, several production courses above COMM 230. Course provides a structured environment, instructor and peer feedback, along with production and postproduction resources for completing advanced near-to-graduation media projects. Projects can be narrative, documentary, experimental, or interactive.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisites, COMM 230 and one of COMM 534, 635, 646, 653, or 654.

**Grading Status:** Letter grade.

**COMM 650. Cultural Politics of Global Media Economies. 3 Credits.**

Primary subjects will be popular culture and media technology, and guiding questions will be organized around the relationships of each to commerce and/as social change.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, GL.

**Requisites:** Prerequisite, COMM 140; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 652. Media and Difference. 3 Credits.**

Permission of the instructor for nonmajors. This course examines critical and theoretical issues concerning the representation and study of various modes of difference, such as sexuality, race, and gender, in specific media texts.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 140.

**Grading Status:** Letter grade.

**COMM 653. Experimental Video. 3 Credits.**

This course allows students to create video productions that play with forms that lie outside of mainstream media.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, COMM 230; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 654. Motion Graphics, Special Effects, and Compositing. 3 Credits.**

In this course students learn a wide range of video post production techniques working mostly with the application After Effects.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisite, COMM 130 or 150; Grade of C or better in COMM 130; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 655. Television Culture. 3 Credits.**

This course introduces students to critical television studies. The course emphasizes not television or culture as separate entities but instead "Television Culture." The focus of the class is on the interrelationship between television and contemporary culture.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 140.

**Grading Status:** Letter grade.

**COMM 656. Sound for Film and Video: Theory and Practice for Motion Picture Sound Design. 3 Credits.**

The aim of this course is to provide students who have an interest in film and video production with an understanding of the technical, conceptual, and aesthetic implications of the motion picture soundtrack, with a special emphasis on sound-image relationships. Students who have already developed a basic proficiency in the use of video cameras, audio recorders, and editing software will be asked to cultivate an understanding of and appreciation for the expressive and artistic possibilities.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Requisites:** Prerequisite, COMM 130.

**Grading Status:** Letter grade.

**COMM 657. Movie Making Machines: Learning About Cinema in the Maker Space. 3 Credits.**

This projects-based seminar will introduce students to the fundamental optical and technological principles of motion pictures. By using the Maker Space to design and fabricate pinhole cameras, zoetropes, and 16mm film strips, students will gain a deep understanding of the material and technological foundations of the cinema, and the operating principles that are behind not only the classic films of Hollywood's past, but the high-definition digital imaging technologies of the present.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisite, ARTS 105, 106, 209, or COMM 130; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ARTS 657.

**COMM 658. Surveillance Cultures. 3 Credits.**

We live in surveillance societies. Just about every element of our lives is affected by surveillance: workplaces and schools, social media sites and mobile phone use, police encounters and security screening. Surveillance practices shape how institutions operate and how people see themselves and others. The goal of this course is to develop a critical awareness of surveillance and its implications for society.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMM 660. Advanced Projects in Performance Studies. 3 Credits.**

Course provides a workshop setting for the process of creation, dramaturgy, development, analysis, and critique of graduates' and undergraduates' original performance work, focusing on the needs of each project in progress.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 160.

**Grading Status:** Letter grade.

**COMM 661. Race and Ethnicity. 3 Credits.**

Examines race and ethnicity in specific geopolitical contexts as discursive formations, performative identities, and lived realities. Studies disciplinary/political boundaries that are produced and maintained through acts of performance.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** GL.

**Requisites:** Prerequisite, COMM 160.

**Grading Status:** Letter grade.

**COMM 662. Black/African Diaspora Performance. 3 Credits.**

Recommended preparation, COMM 160. Relying on critical race theories, colonial and postcolonial theories, and theories of performance, this course engages comparative discourses of Black/African diaspora citizenship through the literature, poetry, fiction, nonfiction, drama, and cultural performances of people of African descent, particularly in Africa, Europe, and the Americas.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

**COMM 665. Performance, Politics, and Culture. 3 Credits.**

This course is a arts-based inquiry into the ways in which performance and theatricality structure contemporary politics, culture, and everyday life, as well as the ways in which artists utilize performance as mode of political engagement.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Requisites:** Prerequisites, COMM 61, 62, 63, 160, 260, 262, 263, or 464.

**Grading Status:** Letter grade.

**COMM 666. Media in Performance. 3 Credits.**

Required preparation, one performance studies course above COMM 400. Permission of the instructor for students lacking the required preparation. Project-based class where students acquire skills and critical approaches to create collaborative, professional, multimedia works.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** DRAM 666.

**COMM 667. Performance Activism. 3 Credits.**

History and practice of performance in contemporary social movements. Practical exploration of direct action, guerilla theatre, and performance interventions.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 160 or 260.

**Grading Status:** Letter grade.

**COMM 676. Digital Media and Live Performance. 3 Credits.**

Permission of the instructor for undergraduates. Intended for students from various majors, this course provides a foundation in the history, theory, and practice of developing live, technologically-intensive, multimedia performance works. The course analyzes new media masterworks, addresses techniques of interdisciplinary collaboration, and offers workshops in specific software/technology applications.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** MUSC 676.

**COMM 681. Contemporary Film Theory. 3 Credits.**

Overview of poststructuralist, or "contemporary" film theory. Traces its development, its techniques, fierce critiques lobbed at it since the early 1980s, and its points of continuing importance.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, ARTH 159, COMM 140, or ENGL 142; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 682. History of the Moving Image: Pasts, Presents, Futures. 3 Credits.**

Theories of moving images and imaging technologies—from the primitive to the not-yet-existing—that focus on their multifaceted relations with various registers of time, memory, flux, and futurity.

**Rules & Requirements**

**Requisites:** Prerequisite, ARTH 159, COMM 140, or ENGL 142; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMM 690. Advanced Topics in Communication Studies. 3 Credits.**

Permission of the instructor for nonmajors. A special topics course on a selected aspect of communication studies. May be repeated. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.



**COMM 691H. Honors in Cultural Studies. 3 Credits.**

Permission of the instructor. Required of all senior honors candidates in cultural studies. First semester of senior honors thesis.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**COMM 692H. Honors in Cultural Studies. 3 Credits.**

Permission of the instructor. Required of all senior honors candidates in cultural studies. Second semester of senior honors thesis.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**COMM 693H. Honors. 3 Credits.**

Permission of the department. Majors only. Cumulative grade point average must meet University standard. Individual projects designed by students and supervised by a faculty member.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**COMM 694H. Honors. 3 Credits.**

Permission of the department. Majors only. Cumulative grade point average must meet University standard. Individual projects designed by students and supervised by a faculty member.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**COMM 695. Field Methods. 3 Credits.**

Recommended preparation, COMM 562 or 841. A bridge course designed to offer graduate students and advanced undergraduates a practicum in fieldwork methods and performance ethnography.

**Rules & Requirements**

**Grading Status:** Letter grade.

## Contact Information

**Department of Communication**

Visit Program Website (<http://comm.unc.edu>)

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## Communication Studies Major, B.A.

The study of communication is essential for participating in an increasingly complex and mediated global environment. The Department of Communication's mission is to advance communication for the public good. Through its teaching, research, and service, the department addresses the many ways communication functions to create, sustain, and transform personal life, social relations, political institutions, economic organizations, and cultural and aesthetic conventions in society; promotes competencies required for various modes of mediated and non-mediated communication; and develops skills for analyzing, interpreting, and critiquing communication problems and questions. The curriculum is designed to enable students to develop the capacities to be knowledgeable and responsible producers and consumers of communication through engagement, critique, and creativity. The programs of study offered by the department support a vision of citizen-scholars building a better North Carolina and world.

## Student Learning Outcomes

- An understanding of the major theories that define the field of communication and the relevance of these theories to sub-areas of the field. To demonstrate accomplishment of this objective, students should be able to
  - identify and apply major theories of communication
  - discuss the implications of selected communication theories for practice
  - describe the relevance of appropriate communication theories to the students' chosen areas of focus and show how theories can be applied productively to those areas
- An understanding of appropriate research methods in the field of communication and the relevance of these methods to their sub-areas of the field. Specifically, students should demonstrate that they can
  - describe the fundamental procedures of research methods in communication
  - critically assess research procedures used in communication research
  - make a research argument
  - utilize research skills, including finding library and electronic sources, citing and documenting research materials, synthesizing and drawing conclusions from research, and organizing and presenting original research
  - describe how communication research methods may be used to answer research questions in the students' chosen areas of specialization.
- A critical approach to the consumption and creation of communication in a communication rich and democratic environment. Specifically, students should demonstrate that they can
  - analyze and evaluate the use and meaning of visual, audio, and other sensory information and the way it conveys information to a viewer, reader, or listener
  - exhibit competence in oral, verbal, and written communication skills
  - critique and engage in performative and mediated forms of communication in "real world" contexts
  - demonstrate knowledge of how communication practices may be used to transform and redefine specific communication

situations (e.g., the use of communication strategies to resolve conflict in interpersonal, group, and organizational contexts).

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Three courses from the following with a grade of C or better in each:		9
COMM 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	
COMM 140	Introduction to Media History, Theory, and Criticism <sup>H</sup>	
COMM 160	Introduction to Performance Studies <sup>H</sup>	
COMM 170	Rhetoric and Public Issues	
Four COMM courses in a concentration (see descriptions below)		12
Three COMM electives		9
A minimum of 10 COMM courses, except for those students pursuing the new media option in the media and technology studies and production concentration described below		
Three COMM courses must be numbered 400 or higher.		
<b>Total Hours</b>		<b>30</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

A maximum of 15 COMM courses (45 hours) may be applied toward the B.A. degree.

Students are invited to work closely with faculty members in courses and through independent study, cocurricular programs, and research projects. Many courses are also open to nonmajors whose personal and professional goals require an understanding of human communication (consult course descriptions for restrictions).

Communication Studies (COMM) course descriptions (p. 317).

Students should select one of the following concentrations and take a minimum of four courses within that concentration. Core courses do not count as one of the four required courses within the selected concentration. Additional courses that are not listed under any concentration may be used to meet major requirements.

### Interpersonal and Organizational Communication

COMM 120/MNGT 120 is a prerequisite for most of the interpersonal and organizational communication courses; consult course descriptions.














Code	Title	Hours
COMM 312	Persuasion	3
COMM 390	Special Topics in Communication Study (based on topic)	3
COMM 411	Critical Perspectives	3
COMM 422	Family Communication <sup>H</sup>	3
COMM 423	Critical Perspectives on Work, Labor, and Professional Life	3
COMM 490	Special Topics in Communication Studies (based on topic)	3
COMM 499	The Dark Side of Interpersonal Communication	3
COMM 500	Visual and Material Rhetoric	3
COMM 521	Communication and Social Memory	3
COMM 523	Communication and Leadership	3
COMM 525	Organizational Communication	3
COMM 526	Critical-Cultural Approaches to Organizational Communication	3
COMM 527	Organizational Ethics	3
COMM 610	Reading Quantitative Research in Communication Studies	3
COMM 620	Theories of Interpersonal Communication	3
COMM 624	Hate Speech	3
COMM 625	Communication and Nonprofits in the Global Context	3
COMM 690	Advanced Topics in Communication Studies (based on topic) <sup>H</sup>	3
COMM/MNGT 223	Small Group Communication	3
COMM/MNGT 325	Introduction to Organizational Communication <sup>H</sup>	3
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>	3
COMM/WGST 524	Gender, Communication, and Culture	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Media and Technology Studies and Production

COMM 140 is a prerequisite for most of the media studies courses; consult course descriptions.

Code	Title	Hours
COMM 130	Introduction to Media Production	3
COMM 142	Popular Music	3
COMM 150	Introduction to New Media	3
COMM 230	Audio/Video/Film Production and Writing	3
COMM 249	Introduction to Communication Technology, Culture, and Society	3
COMM 251	Introduction to American Film and Culture, 1965-Present	3
COMM 330	Introduction to Writing for Film and Television	3

COMM 390	Special Topics in Communication Study (based on topic)	3
COMM 411	Critical Perspectives	3
COMM 412	 Critical Theory	3
COMM 413	Freud	3
COMM 431	 Advanced Audio Production	3
COMM 432	Visual Culture	3
COMM 450	 Media and Popular Culture	3
COMM 452	Film Noir	3
COMM 453	 The History of New Media Technology in Everyday Life	3
COMM 454	Media and Activism	3
COMM 490	Special Topics in Communication Studies (based on topic)	3
COMM 534	 Aesthetic and Technical Considerations in Making Short Videos	3
COMM 545	Pornography and Culture	3
COMM 546	History of Film I, 1895 to 1945	3
COMM 547	History of Film II, 1945 to Present	3
COMM 548	Humor and Culture	3
COMM 549	Sexuality and Visual Culture	3
COMM 550	American Independent Cinema	3
COMM 551	Hitchcock and the Sign	3
COMM 635	 Documentary Production	3
COMM 636	Interactive Media	3
COMM 638	 Game Design	3
COMM 645	The Documentary Idea	3
COMM 646	Introduction to the Art and Mechanics of Two-Dimensional Digital Animation	3
COMM 647	 Advanced Projects in Media Production	3
COMM 650	Cultural Politics of Global Media Economies	3
COMM 652	Media and Difference	3
COMM 653	 Experimental Video	3
COMM 654	 Motion Graphics, Special Effects, and Compositing	3
COMM 655	Television Culture	3
COMM 656	 Sound for Film and Video: Theory and Practice for Motion Picture Sound Design	3
COMM 681	 Contemporary Film Theory	3
COMM 682	History of the Moving Image: Pasts, Presents, Futures	3
COMM 683	Moving-Image Avant-Gardes and Experimentalism	3
COMM 690	Advanced Topics in Communication Studies (based on topic) <sup>H</sup>	3
COMM/WGST 345	 Gender and Film	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.




Please note that enrollment in advanced media and technology production classes is limited, and many production classes have prerequisites.

### New Media

**Students wishing to pursue the new media option in the media and technology studies and production concentration should consult the departmental advisor.**




In addition to the preliminary core requirements (including COMM 140) above, students must take:

- COMM 150
- COMP 110
- two approved courses from the Department of Computer Science (COMP) (p. 338) or the School of Information and Library Science (INLS) (p. 1094) (see recommendations below)
- three COMM classes above 400 selected from the following list:

Code	Title	Hours
COMM 431	 Advanced Audio Production	3
COMM 490	Special Topics in Communication Studies (based on topic, prior approval required)	3
COMM 636	Interactive Media	3
COMM 638	 Game Design	3
COMM 646	Introduction to the Art and Mechanics of Two-Dimensional Digital Animation	3
COMM 650	Cultural Politics of Global Media Economies	3
COMM 654	 Motion Graphics, Special Effects, and Compositing	3
COMM 690	Advanced Topics in Communication Studies (based on topic, prior approval required) <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.











Recommended cross-disciplinary classes include:

Code	Title	Hours
COMP 180	 Enabling Technologies <sup>H</sup>	3
COMP 185	Serious Games <sup>H</sup>	3
INLS 151	 Retrieving and Analyzing Information	3
INLS 161	Tools for Information Literacy	3
INLS 201	 Foundations of Information Science	3
INLS 318	Human Computer Interaction	3
INLS 560	Programming for Information Science	3
INLS 572	Web Development I	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Performance Studies

COMM 160 is a prerequisite for most of the performance studies courses; consult course descriptions.

Code	Title	Hours
COMM 260	Introduction to Performance and Social Change	3
COMM 262	Introduction to the Performance of Culture <sup>H</sup>	3
COMM 263	 Performing Literature <sup>H</sup>	3
COMM 364	Production Practices	3
COMM 365	The Constructed Actor: Masks and Objects in Performance	3
COMM 390	Special Topics in Communication Study (based on topic)	3
COMM 411	Critical Perspectives	3
COMM 435	Memory Acts <sup>H</sup>	3
COMM 437	 United States Black Culture and Performance	3
COMM 463	Creating the Solo Performance	3
COMM 464	 Collaborative Performance <sup>H</sup>	3
COMM 466	 Advanced Study in Performing Literature	3
COMM 490	Special Topics in Communication Studies (based on topic)	3
COMM 532	Performing the Screenplay	3
COMM 564	Performance and Popular Culture	3
COMM 568	Adapting and Directing for the Stage	3
COMM 636	Interactive Media	3
COMM 660	Advanced Projects in Performance Studies	3
COMM 661	 Race and Ethnicity	3
COMM 662	 Black/African Diaspora Performance	3
COMM 665	 Performance, Politics, and Culture	3
COMM 667	Performance Activism	3
COMM 668	The Ethnographic Return to Performance and Community <sup>H</sup>	3
COMM 690	Advanced Topics in Communication Studies (based on topic) <sup>H</sup>	3
COMM 695	Field Methods	3
COMM/ASIA/ RELI 386	Dance and Embodied Knowledge in the Indian Context	3
COMM/DRAM 666	 Media in Performance	3
COMM 362/ FOLK 565	Ritual, Theatre, and Performance Art	3
COMM/FOLK/ HIST/WGST 562	 Oral History and Performance <sup>H</sup>	3
COMM/WGST 561	 Performance of Women of Color <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Rhetorical Studies

COMM 170 is a prerequisite for most of the rhetorical studies courses; consult course descriptions.

Code	Title	Hours
COMM 171	Argumentation and Debate	3
COMM 312	Persuasion	3
COMM 371	Argumentation	3

COMM 372	The Rhetoric of Social Movements	3
COMM 374	The Southern Experience in Rhetoric	3
COMM 390	Special Topics in Communication Study (based on topic)	3
COMM 470	Political Communication and the Public Sphere	3
COMM 471	Rhetorics of Public Memory	3
COMM 472	Rhetorical Criticism	3
COMM 490	Special Topics in Communication Studies (based on topic)	3
COMM 500	Visual and Material Rhetoric	3
COMM 571	Rhetorical Theory and Practice	3
COMM 572	Public Policy Argument <sup>H</sup>	3
COMM 573	The American Experience in Rhetoric	3
COMM 575	Presidential Rhetoric	3
COMM 576	Making and Manipulating "Race" in the United States	3
COMM 577	Rhetoric and Black Culture	3
COMM 690	Advanced Topics in Communication Studies (based on topic) <sup>H</sup>	3
COMM/ENEC 375	Environmental Advocacy	3
COMM/PWAD 355	Terrorism and Political Violence	3
COMM/PWAD 376	The Rhetoric of War and Peace	3
COMM/PWAD 574	War and Culture	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.




## Specialized Concentration in Communication Studies





Students may create their own concentrations by selecting at least four courses that constitute a coherent program of study. The courses selected in this concentration must be justified by the student and must be approved by the director of undergraduate studies.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Rhetorical Studies Concentration



First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3




Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
COMM 120  Introduction to Interpersonal and Organizational Communication (core course #1) <sup>H</sup>	3
COMM 170  Rhetoric and Public Issues (core course #2)	3
<b>Hours</b>	<b>17</b>
<b>Sophomore Year</b>	
COMM 160  Introduction to Performance Studies (core course #3) <sup>H</sup>	3
COMM 171 Argumentation and Debate (concentration course #1)	3
COMM 312 Persuasion (concentration course #2)	3
<b>Hours</b>	<b>9</b>
<b>Junior Year</b>	
COMM 470 Political Communication and the Public Sphere (concentration course #3) <sup>1</sup>	3
COMM 573 The American Experience in Rhetoric (concentration course #4) <sup>1</sup>	3
COMM 435 Memory Acts (elective course #1) <sup>1, H</sup>	3
<b>Hours</b>	<b>9</b>
<b>Senior Year</b>	
COMM 454 Media and Activism (elective course #2) <sup>1</sup>	3
COMM 624  Hate Speech (elective course #3) <sup>1</sup>	3
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>41</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Three COMM courses must be numbered 400 or higher.

## Media and Technology Studies Concentration

<b>First Year</b>	<b>Hours</b>
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
COMM 120  Introduction to Interpersonal and Organizational Communication (core course #1) <sup>H</sup>	3
<b>Major Courses</b>	
COMM 140 Introduction to Media History, Theory, and Criticism (core course #2) <sup>H</sup>	3
<b>Hours</b>	<b>17</b>
<b>Sophomore Year</b>	
COMM 170  Rhetoric and Public Issues (core course #3)	3

COMM 249 Introduction to Communication Technology, Culture, and Society (concentration course #1)	3
<b>Hours</b>	<b>6</b>
<b>Junior Year</b>	
COMM 312 Persuasion (elective course #1)	3
COMM 390 Special Topics in Communication Study (concentration course #2)	3
COMM 450  Media and Popular Culture (concentration course #3)	3
<b>Hours</b>	<b>9</b>
<b>Senior Year</b>	
COMM 453  The History of New Media Technology in Everyday Life (concentration course #4)	3
COMM 372 The Rhetoric of Social Movements (elective course #2)	3
COMM 526  Critical-Cultural Approaches to Organizational Communication (elective course #3)	3
<b>Hours</b>	<b>9</b>
<b>Total Hours</b>	<b>41</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Communication Honors in Communication Studies

The department participates in the University's Honors Program. Students eligible for the program (see University requirements (p. 1243)) may consult with the departmental honors advisor about enrolling in COMM 693H and COMM 694H, or COMM 691H and COMM 692H for honors students in cultural studies. These courses can be used for elective credit in the major but not for satisfying core course or concentration requirements. Additional information can be found on the department website (<http://comm.unc.edu/undergraduate-studies/honors-thesis/>).

## Independent Study

The opportunity for independent study is available through enrollment in COMM 396 or COMM 596. Interested students should consult a faculty advisor in the department. Please see the department website (<http://comm.unc.edu/undergraduate-studies/independent-study/>) for details.

## Internships

The department has an extensive internship program (<http://comm.unc.edu/undergraduate-studies/internships/>) in media-related industries, business, public service, and other organizations. Internships allow students to explore the relationship between communication theory and its practice in everyday life. Credit can be obtained through consultation with the internship advisor and enrollment in COMM 393. More than 100 organizations have participated in the program. The department also offers the Hollywood Internship Program, a summer study and work opportunity for selected students interested in pursuing careers in the film industry. Note: Internship credit counts as elective hours and does not count toward the 30 credit hours required for the major.

## WUNC Radio and WUNC-TV

Limited opportunities exist for internships and employment with the public radio and television stations in Chapel Hill and in the Research Triangle Park.

## Performance Opportunities

Students are involved in writing and adapting plays and screenplays, directing, and participating in staged productions for the public. Additionally, students often appear in regular performances sponsored by graduate students in the Department of Communication and in productions directed by faculty members.

## Student Television (STV)

STV is a student-run video production operation that provides hands-on opportunities in a variety of programming assignments.

## Carolina Film Association (CFA)

### About

This association is committed to enabling students in developing their cinematic craft. It accomplishes its mission by offering resources and guidance to students pursuing cinematic projects through self-contained or episodic forms.

## Study Abroad

Students may take coursework toward the major through the University's study abroad program. Departmental approval for major credit is required.

## Undergraduate Awards

The department offers a number of awards for leadership and contributions to the field, in all areas of specialization. Awards are presented at a department ceremony in the spring semester.

## Department Programs

### Majors

- Communication Studies Major, B.A. (p. 329)
- Interdisciplinary Studies Major, B.A.—Cultural Studies (p. 334)

### Minor

- Writing for the Screen and Stage Minor (p. 335)

### Graduate Programs

- Ph.D. in Communication Studies (<http://catalog.unc.edu/graduate/schools-departments/communication/>)

## Contact Information

### Department of Communication

Visit Program Website (<http://comm.unc.edu>)

CB 3285, 308 Bynum Hall, 222 East Cameron Ave., Chapel Hill, N.C. 27599  
(919) 962-2311

### Chair

Avi Santo  
asanto@unc.edu

### Director of Undergraduate Studies

Steve May  
skmay@email.unc.edu

## Interdisciplinary Studies Major, B.A.—Cultural Studies

The cultural studies program is designed to give students the opportunity to create a rigorous, interdisciplinary/multidisciplinary program organized around a particular theme, question, problem, or interest (e.g., popular culture, politics, technology, science studies, theory, neoliberalism, labor, disability, ethnic studies), or to establish links across a range of classes that define a specific intellectual focus. Cultural studies offers a home to students united by questions of the complex, dynamic workings of culture in contexts of power.


The major is designed for undergraduate students who wish to combine the strengths of various departments, including the Department of Communication, across curricula in the College of Arts and Sciences. Students in the cultural studies program tend to be strongly motivated, self-disciplined, intellectually curious, and able to assume greater responsibility for their education. The program is distinguished by intensive advising, collaboration across disciplinary perspectives, and opportunities to extend learning beyond the space of the classroom. Students interested in cultural studies should meet with the director of the program to explore their interests and choose an advisor.

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC—Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC—Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
COMM 350	 Practices of Cultural Studies	3
Seven additional courses approved by a faculty advisor (appointed by the director in consultation with the student)		21
<b>Total Hours</b>		<b>24</b>

Students are strongly encouraged to take at least one course on matters of social/cultural difference/diversity such as ANTH 380, COMM 318, or RELI 323. Students are also strongly encouraged to take at least one course on contemporary theory such as COMM 412.

Students are required to take classes in at least three departments. No more than four courses (12 hours) in the same department may count toward the major. A student should strengthen his or her course of study by choosing Approaches, Connections, and elective courses that complement courses in cultural studies.

Students with an overall grade point average of 3.3 or above and a grade point average of 3.3 or above in cultural studies courses are encouraged to undertake an honors thesis project during the senior year for a total of

six credit hours (COMM 691H and COMM 692H). These hours will be in addition to the 24 hours (eight courses) minimally required for the major.

## Special Opportunities in Communication Honors in Communication Studies

The department participates in the University's Honors Program. Students eligible for the program (see University requirements (p. 1243)) may consult with the departmental honors advisor about enrolling in COMM 693H and COMM 694H, or COMM 691H and COMM 692H for honors students in cultural studies. These courses can be used for elective credit in the major but not for satisfying core course or concentration requirements. Additional information can be found on the department website (<http://comm.unc.edu/undergraduate-studies/honors-thesis/>).

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### Study Abroad

Students may take coursework toward the major through the University's study abroad program. Departmental approval for major credit is required.

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- Writing for the Screen and Stage Minor (p. 335)

#### Graduate Programs

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## Contact Information

#### Department of Communication

Visit Program Website (<http://comm.unc.edu>)

CB 3285, 308 Bynum Hall, 222 East Cameron Ave., Chapel Hill, N.C. 27599  
(919) 962-2311

#### Program Director, Cultural Studies

Kumarini Silva  
[kumi@email.unc.edu](mailto:kumi@email.unc.edu)

#### Chair

Avi Santo  
[asanto@unc.edu](mailto:asanto@unc.edu)

#### Director of Undergraduate Studies

Steve May  
[skmay@email.unc.edu](mailto:skmay@email.unc.edu)

## Writing for the Screen and Stage Minor

The minor in writing for the screen and stage is a two-year interdisciplinary program housed in the Department of Communication that offers undergraduates from all departments the unique opportunity to focus specifically on the craft of dramatic writing. The minor is designed for students considering writing careers in theater, film, and television.



## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC—Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Candidates must be first-year or sophomore students with a 2.4 grade point average or better to begin the minor and must have taken one of the following prerequisite courses.

Code	Title	Hours
<b>Prerequisite (select one):</b>		
COMM 330	Introduction to Writing for Film and Television <sup>1</sup>	3
DRAM 231	Playwriting I <sup>2</sup>	3
ENGL 130	 Introduction to Fiction Writing <sup>3</sup>	3
ENGL 132H	 First-Year Honors: Introduction to Fiction Writing <sup>4</sup>	3

<sup>1</sup> Preference given to communication studies majors.



<sup>2</sup> Requires permission from the department.

<sup>3</sup> Open to all students.

<sup>4</sup> Restricted to honor students.

The prerequisite may be waived with the approval of the director of the minor.

An application is required for acceptance; please visit the Writing for Screen and Stage Minor's Web site (<http://comm.unc.edu/undergraduate-studies/writing-for-the-screen-and-stage-minor/>) to review this process. Continued participation in the minor is based on the student's work and the recommendation of the program's instructors.

Code	Title	Hours
<b>Core Requirements <sup>1</sup></b>		
COMM/DRAM 131	Writing for the Screen and Stage <sup>2</sup>	3
COMM 430	 History of American Screenwriting	3
COMM 433	Intermediate Screenwriting <sup>2</sup>	3
COMM 537	Master Screenwriting <sup>2</sup>	3
DRAM 120	 Play Analysis <sup>H, F</sup>	3
<b>Total Hours</b>		<b>15</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Students must achieve a C grade or better in core requirements.



<sup>2</sup> COMM 131/DRAM 131, COMM 433, and COMM 537 must be taken in consecutive semesters beginning with the first semester of the minor.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major,

minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.



The following sequence of courses is recommended:

Code	Title	Hours
<b>Junior (or Sophomore) Year Fall Semester</b>		
COMM/DRAM 131	Writing for the Screen and Stage	3
DRAM 120	 Play Analysis <sup>H, F</sup>	3
<b>Junior (or Sophomore) Year Spring Semester</b>		
COMM 430	 History of American Screenwriting	3
COMM 433	Intermediate Screenwriting	3
<b>Senior (or Junior) Year Fall Semester</b>		
COMM 537	Master Screenwriting	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

The following courses are recommended but are not required to complete the minor:

Code	Title	Hours
COMM 334	Writing the One-Hour TV Drama	3
COMM 335	 Film Story Analysis	3
COMM 535	Introduction to Screen Adaptation	3
DRAM 135	 Acting for Nonmajors	3
COMM 390	Special Topics in Communication Study (Writing the Full-Length Play)	3
COMM 390	Special Topics in Communication Study (Visual Storytelling)	3
COMM 390	Special Topics in Communication Study (Screenwriting: The Rewrite)	3

See the program pages in Communication (p. 333), Dramatic Art (p. 361), and English and Comparative Literature (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

## Department Programs

### Majors

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- Interdisciplinary Studies Major, B.A.—Cultural Studies (p. 334)

### Minor

- Writing for the Screen and Stage Minor (p. 335)



## Graduate Programs

- Ph.D. in Communication Studies (<http://catalog.unc.edu/graduate/schools-departments/communication/>)

## Contact Information

### Department of Communication

Visit Program Website (<http://comm.unc.edu>)

CB 3285, 308 Bynum Hall, 222 East Cameron Ave., Chapel Hill, N.C. 27599  
(919) 962-2311

### Interim Director

Micheal Acosta  
[acosta@unc.edu](mailto:acosta@unc.edu)

### Chair

Avi Santo  
[asanto@unc.edu](mailto:asanto@unc.edu)

### Director of Undergraduate Studies

Steve May  
[skmay@email.unc.edu](mailto:skmay@email.unc.edu)

## Department of Computer Science Introduction

The Department of Computer Science offers instruction and performs research in the essential areas of computer science. Majors receive rigorous training in the foundations of computer science and the relevant mathematics, then have ample opportunity to specialize in advanced courses.

Majors can receive credit for practical training as a computing professional through an internship with a company or organization in the computing or information technology fields. Internships typically are paid positions and involve the student working off campus. All internships for credit must be approved in advance. Students interested in pursuing such an internship must submit a learning contract prior to the start of the internship. See the department's website (<https://cs.unc.edu/undergraduate/learning-contracts/>) for additional information.

Majors who excel in the program also have the opportunity to perform undergraduate research in computer science. Students can receive credit for conducting research that can be applied to the upper division elective requirement for the major and/or may be used as a vehicle for graduating with department honors. Students interested in receiving credit for research must submit a learning contract prior to the start of the semester in which credit is earned. See the department's website (<https://cs.unc.edu/undergraduate/learning-contracts/>) for additional information.

Students with no prior programming experience should consider taking one of the introductory courses, COMP 110 or COMP 116. COMP 110 is intended for potential majors and COMP 116 for non-majors. Students with prior programming experience should begin their studies with COMP 210. COMP 380 and COMP 388 are philosophical and moral reasoning courses that have no programming prerequisite.

## Admission to the Major

The demand for concentrating in a computer science program has grown significantly at UNC–Chapel Hill over the past decade. In order to maintain the quality of educational experiences Carolina students

studying computer science deserve, we must restrict the number of students majoring in computer science relative to our faculty size's ability to sustain the programs.

Those wishing to concentrate in computer science must be admitted to a major program (B.A. or B.S.). Students are eligible to apply in the spring semester after completing or while currently enrolled in COMP 210. Students who are admitted to the program continue through the introductory course sequence with COMP 301 and COMP 211 and will have access to upper division electives to complete their degree programs. Please see the department's website (<https://cs.unc.edu/undergraduate/cs-admissions/>) for the most up-to-date information about the admission to the major process.

## Advising

In addition to general advising through the Academic Advising Program (<https://advising.unc.edu/>), students can consult designated faculty members within the Department of Computer Science who act as departmental advisors for requirements specific to the major or minor. Beyond course selection, advisors are also available for discussing internships, study abroad in computer science, honors projects, and undergraduate research opportunities. See the department website (<https://cs.unc.edu/undergraduate/ug-advising/>) for a list of current department advisors and walk-in advising times.

### Majors

- Computer Science Major, B.A. (p. 345)
- Computer Science Major, B.S. (p. 348)

### Minor

- Computer Science Minor (p. 352)

### Graduate Programs

- M.S. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science/>)
- Ph.D. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science/>)

## Professors

Stan Ahalt, Ron Alterovitz, James Anderson, Mohit Bansal, Samarjit Chakraborty, Prasun Dewan, Henry Fuchs, Kevin Jeffay, Marc Niethammer, Stephen M. Pizer, Donald Porter, Jack Snoeyink, David Stotts.

## Associate Professors

Jasleen Kaur, Ketan Mayer-Patel, Leonard McMillan, Shahriar Nirjon, Montek Singh, Cynthia Sturton.

## Assistant Professors

Benjamin Berg, Gedas Bertasius, Snigdha Chaturvedi, Parasara Sridhar Duggirala, Saba Eskandarian, Junier Oliva, Colin Raffel, Soumyadip Sengupta, Shashank Srivastava, Natalie Stanley, Daniel Szafir, Danielle Szafir.

## Research Professors

Jay Aikat, Jan-Michael Frahm, Ashok Krishnamurthy, David Luebke, Dinesh Manocha, David A. Plaisted, Diane Pozefsky, Michael K. Reiter, F. Donelson Smith, Mary Whitton.

## Research Associate Professors

Alexander C. Berg, Martin Styner.

## Research Assistant Professor

Praneeth Chakravarthula.

## Adjunct Professors

J. Steven Marron, Julian Rosenman, Dinggang Shen, Alexander Tropsha, Gregory F. Welch, Turner Whitted, Hongtu Zhu.

## Adjunct Associate Professors

Jaime Arguello, Stephen Aylward, Tamara Berg, David Gotz, Pew-Thian Yap.

## Adjunct Assistant Professors

Beatriz Paniagua, Quoc Tran-Dinh, Guorong Wu.

## Adjunct Research Professor

Russell M. Taylor II.

## Teaching Professor

Tessa Joseph-Nicholas.

## Teaching Associate Professor

Sayeed Ghani.

## Teaching Assistant Professors

Alyssa Byrnes, John Majikes, Brent Munsell, Jorge Silva.

## Adjunct Teaching Assistant Professor

Jorge Silva.

## Professors of the Practice

Kris Jordan, Michael Reed.

## Professors Emeriti

Gary Bishop, Frederick P. Brooks Jr., Peter Calingaert, John Halton, Anselmo Lastra, Ming C. Lin, John B. Smith, Donald F. Stanat, Leandra Vicci, Stephen Weiss, William A. Wright.

## COMP—Computer Science

### Undergraduate-level Courses

#### COMP 50. First-Year Seminar: Everyday Computing. 3 Credits.

The goal of this first-year seminar is to understand the use of computing technology in our daily activities. In this course, we will study various examples of how computing solves problems in different aspects in our daily life. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

#### COMP 60. First-Year Seminar: Robotics with LEGO®. 3 Credits.

This seminar explores the process of design and the nature of computers by designing, building, and programming LEGO robots. Competitions to evaluate various robots are generally held at the middle and at the end of the semester. Previous programming experience is not required. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

#### COMP 65. First-Year Seminar: Folding, from Paper to Proteins. 3 Credits.

Explore the art of origami, the science of protein, and the mathematics of robotics through lectures, discussions, and projects involving artistic folding, mathematical puzzles, scientific exploration, and research. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

#### COMP 80. First-Year Seminar: Enabling Technology--Computers Helping People. 3 Credits.

Service-learning course exploring issues around computers and people with disabilities. Students work with users and experts to develop ideas and content for new technologies. No previous computer experience required. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning, US.

**Grading Status:** Letter grade.

#### COMP 85. First-Year Seminar: The Business of Games. 3 Credits.

This seminar will study the concepts associated with video gaming by having small teams design a game, build a prototype, and put together a business proposal for the game. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Grading Status:** Letter grade.

**COMP 89. First -Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**COMP 101. Fluency in Information Technology. 3 Credits.**

The nature of computers, their capabilities, and limitations. How computers work, popular applications, problem-solving skills, algorithms and programming. Lectures and laboratory assignments. Students may not receive credit for this course after receiving credit for COMP 110 or higher.

**Rules & Requirements**

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 110 with a grade of C or better or MATH 130.

**Grading Status:** Letter grade.

**COMP 110. Introduction to Programming and Data Science. 3 Credits.**

Introduces students to programming and data science from a computational perspective. With an emphasis on modern applications in society, students gain experience with problem decomposition, algorithms for data analysis, abstraction design, and ethics in computing. No prior programming experience expected. Foundational concepts include data types, sequences, boolean logic, control flow, functions/methods, recursion, classes/objects, input/output, data organization, transformations, and visualizations. Students may not enroll in COMP 110 after receiving credit for COMP 210. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, A C or better in one of the following courses: MATH 130, 152, 210, 231, 129P, or PHIL 155, or STOR 120, 151, 155.

**Grading Status:** Letter grade.

**COMP 116. Introduction to Scientific Programming. 3 Credits.**

An introduction to programming for computationally oriented scientists. Fundamental programming skills, typically using MATLAB or Python. Problem analysis and algorithm design with examples drawn from simple numerical and discrete problems.

**Rules & Requirements**

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 231 or 241; a grade of C or better is required.

**Grading Status:** Letter grade.

**COMP 126. Practical Web Design and Development for Everyone. 3 Credits.**

A ground-up introduction to current principles, standards, and best practice in website design, usability, accessibility, development, and management through project-based skills development in HTML5, CSS, and basic JavaScript. Intended for nonmajors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Grading Status:** Letter grade.

**COMP 180. Enabling Technologies. 3 Credits.**

We will investigate ways computer technology can be used to mitigate the effects of disabilities and the sometimes surprising response of those we intended to help. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**COMP 185. Serious Games. 3 Credits.**

Concepts of computer game development and their application beyond entertainment to fields such as education, health, and business. Course includes team development of a game. Excludes COMP majors. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**COMP 190. Topics in Computing. 3 Credits.**

Special topics in computing targeted primarily for students with no computer science background. This course has variable content and may be taken multiple times for credit. As the content will vary with each offering, there are no set requisites but permission from instructor is required.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**COMP 210. Data Structures and Analysis. 3 Credits.**

This course will teach you how to organize the data used in computer programs so that manipulation of that data can be done efficiently on large problems and large data instances. Rather than learning to use the data structures found in the libraries of programming languages, you will be learning how those libraries are constructed, and why the items that are included in them are there (and why some are excluded).

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 110 and MATH 231; a grade of C or better is required in both prerequisite courses; Pre- or corequisite, COMP 283 or MATH 381.

**Grading Status:** Letter grade.

**COMP 211. Systems Fundamentals. 3 Credits.**

This is the first course in the introductory systems sequence. Students enter the course having taken an introductory programming course in a high-level programming language (COMP 110) and a course in discrete structures. The overarching goal is to bridge the gap between a students' knowledge of a high-level programming language (COMP 110) and computer organization (COMP 311).

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 210; COMP 283 or MATH 381; a grade of C or better is required in both prerequisite courses.

**Grading Status:** Letter grade.

**COMP 222. ACM Programming Competition Practice. 1 Credits.**

Structured practice to develop and refine programming skills in preparation for the ACM programming competition.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMP 227. Effective Peer Teaching in Computer Science. 3 Credits.**

Fundamentals of computer science pedagogy and instructional practice with primary focus on training undergraduate learning assistants for computer science courses. Emphasis on awareness of social identity in learning, active learning in the computer science classroom, and effective mentorship. All students must be granted a computer science learning assistantship or obtain prior approval to substitute relevant practicum experience prior to enrollment.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-LEARN.TA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Requisites:** Pre- or corequisite, COMP 210 or 401.

**Grading Status:** Letter grade.

**COMP 283. Discrete Structures. 3 Credits.**

Introduces discrete structures (sets, tuples, relations, functions, graphs, trees) and the formal mathematics (logic, proof, induction) used to establish their properties and those of algorithms that work with them. Develops problem-solving skills through puzzles and applications central to computer science. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Requisites:** Prerequisite, MATH 231 or MATH 241; a grade of C or better is required.

**Grading Status:** Letter grade.

**COMP 290. Special Topics in Computer Science. 1 Credits.**

Non-technical topics in computer science for computer science majors. May not be used to satisfy any degree requirements for a computer science major. This course has variable content and may be taken multiple times for credit.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

**COMP 293. Internship in Computer Science. 3 Credits.**

Permission of instructor and director of undergraduate studies required. Computer science majors only. A signed learning contract is required before a student may register. Work experience in non-elementary computer science.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisites, MATH 231 or 241; COMP 401, 410, and 411; a grade of C or better is required in COMP 401, 410, and 411.

**Grading Status:** Pass/Fail.

**COMP 301. Foundations of Programming. 3 Credits.**

Students will learn how to reason about how their code is structured, identify whether a given structure is effective in a given context, and look at ways of organizing units of code that support larger programs. In a nutshell, the primary goal of the course is to equip students with tools and techniques that will help them not only in later courses in the major but also in their careers afterwards.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 210; COMP 283 or MATH 381; a grade of C or better is required in both prerequisite courses.

**Grading Status:** Letter grade.

**COMP 311. Computer Organization. 3 Credits.**

Introduction to computer organization and design. Students will be introduced to the conceptual design of a basic microprocessor, along with assembly programming. The course includes fundamental concepts such as binary numbers, binary arithmetic, and representing information as well as instructions. Students learn to program in assembly (i.e., machine) language. The course covers the fundamentals of computer hardware design, transistors and logic gates, progressing through basic combinational and sequential components, culminating in the conceptual design CPU.

**Rules & Requirements**

**Requisites:** Prerequisite, COMP 211; a grade of C or better is required.

**Grading Status:** Letter grade.

**COMP 325. How to Build a Software Startup. 3 Credits.**

Explores real-world skills for successfully developing and launching a software startup in an experiential learning environment. Customer outreach and feedback, market analysis, business model development, agile product development, with mentors from the entrepreneurship community.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**COMP 380. Technology, Ethics, & Culture. 3 Credits.**

This discussion-based, participatory course explores the personal, sociocultural, and ethical effects and implications of the development and use of computing technologies and the Internet. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**COMP 388. Advanced Cyberculture Studies. 3 Credits.**

Explores Internet history and cyberphilosophy; online identify construction, community, communication, creativity; bodies/cyborgs; intelligence and AI. Students perform independent research into and analyze virtual worlds, social media, anonymous bulletin boards, mobile media, and more, and create digital art and literature. Seminar-style; students collaborate on designing and leading class.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, COMP 380; a grade of C or better is required; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMP 390. Computer Science Elective Topics. 3 Credits.**

Elective topics in computer science for computer science majors. May not be used to satisfy any degree requirements for a computer science major. This course has variable content and may be taken multiple times for credit.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**COMP 393. Software Engineering Practicum. 1-3 Credits.**

Students develop a software program for a real client under the supervision of a faculty member. Projects may be proposed by the student but must have real users. Course is intended for students desiring practical experiences in software engineering but lacking the experience required for external opportunities. Majors only.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, COMP 211 and 301, or COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****COMP 401. Foundation of Programming. 4 Credits.**

Required preparation, a first formal course in computer programming (e.g., COMP 110, COMP 116). Advanced programming: object-oriented design, classes, interfaces, packages, inheritance, delegation, observers, MVC (model view controller), exceptions, assertions. Students may not receive credit for this course after receiving credit for COMP 301. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 231 or MATH 241; a grade of C or better is required.

**Grading Status:** Letter grade.

**COMP 410. Data Structures. 3 Credits.**

The analysis of data structures and their associated algorithms. Abstract data types, lists, stacks, queues, trees, and graphs. Sorting, searching, hashing. Students may not receive credit for this course after receiving credit for COMP 210.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 231 or 241, and COMP 401; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 411. Computer Organization. 4 Credits.**

Digital logic, circuit components. Data representation, computer architecture and implementation, assembly language programming. Students may not receive credit for this course after receiving credit for COMP 311.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 231 or 241, and COMP 401; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 421. Files and Databases. 3 Credits.**

Placement of data on secondary storage. File organization. Database history, practice, major models, system structure and design. Previously offered as COMP 521.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 210, 211, and 301; or COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 426. Modern Web Programming. 3 Credits.**

Developing applications for the World Wide Web including both client-side and server-side programming. Emphasis on Model-View-Controller architecture, AJAX, RESTful Web services, and database interaction.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 211 and 301; or COMP 401 and 410; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 431. Internet Services and Protocols. 3 Credits.**

Application-level protocols HTTP, SMTP, FTP, transport protocols TCP and UDP, and the network-level protocol IP. Internet architecture, naming, addressing, routing, and DNS. Sockets programming. Physical-layer technologies. Ethernet, ATM, and wireless.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 210, 211, and 301; or COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 433. Mobile Computing Systems. 3 Credits.**

Principles of mobile applications, mobile OS, mobile networks, and embedded sensor systems. Coursework includes programming assignments, reading from recent research literature, and a semester long project on a mobile computing platform (e.g., Android, Arduino, iOS, etc.).

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 210, 211, and 301; or COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 435. Computer Security Concepts. 3 Credits.**

Introduction to topics in computer security including confidentiality, integrity, availability, authentication policies, basic cryptography and cryptographic protocols, ethics, and privacy. A student may not receive credit for this course after receiving credit for COMP 535.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 210, 211, and 301; or COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 447. Quantum Computing. 3 Credits.**

Recommended preparation, some knowledge of basic linear algebra. An introduction to quantum computing. Basic math and quantum mechanics necessary to understand the operation of quantum bits. Quantum gates, circuits, and algorithms, including Shor's algorithm for factoring and Grover's search algorithm. Entanglement and error correction. Quantum encryption, annealing, and simulation. Brief discussion of technologies.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 232, and PHYS 116 or 118.

**Grading Status:** Letter grade.

**Same as:** PHYS 447.

**COMP 455. Models of Languages and Computation. 3 Credits.**

Introduction to the theory of computation. Finite automata, regular languages, pushdown automata, context-free languages, and Turing machines. Undecidable problems.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 210 or 410 and COMP 283 or MATH 381; a grade of C or better in all prerequisite courses is required.

**Grading Status:** Letter grade.

**COMP 475. 2D Computer Graphics. 3 Credits.**

Fundamentals of modern software 2D graphics; geometric primitives, scan conversion, clipping, transformations, compositing, texture sampling. Advanced topics may include gradients, antialiasing, filtering, parametric curves, and geometric stroking.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 210, 211, and 301; or COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 486. Applications of Natural Language Processing. 3 Credits.**

Students with graduate standing in SILS may take the course without the prerequisite. Explores current and future uses of natural language technologies. Topics vary and may include translation, generation, deception, health informatics, ethics and evaluation, and student-selected areas of interest.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 110, or 116, and; COMP 210, or 410.

**Grading Status:** Letter grade.

**Same as:** INLS 512.

**COMP 487. Information Retrieval. 3 Credits.**

Study of information retrieval and question answering techniques, including document classification, retrieval and evaluation techniques, handling of large data collections, and the use of feedback.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** INLS 509.

**COMP 488. Data Science in the Business World. 3 Credits.**

Students will acquire hands-on data science skills enabling them to solve real-world business problems. Since data science is an interdisciplinary field, business and computer science students learn and work together in this course. Leveraging each other's skills and knowledge, students create data-driven business insights using modern analytics.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** BUSI 488.

 **COMP 495. Mentored Research in Computer Science. 3 Credits.**

Independent research conducted under the direct mentorship of a computer science faculty member. If repeated, the repeated course can not be counted for the major. For computer science majors only. Permission of instructor required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**COMP 496. Independent Study in Computer Science. 3 Credits.**

Permission of the department. Computer science majors only. For advanced majors in computer science who wish to conduct an independent study or research project with a faculty supervisor. May be taken repeatedly for up to a total of six credit hours.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**COMP 520. Compilers. 3 Credits.**

Design and construction of compilers. Theory and pragmatics of lexical, syntactic, and semantic analysis. Interpretation. Code generation for a modern architecture. Run-time environments. Includes a large compiler implementation project.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 301, 311, and 455 or COMP 410, 411, and 455; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

 **COMP 523. Software Engineering Laboratory. 4 Credits.**

Organization and scheduling of software engineering projects, structured programming, and design. Each team designs, codes, and debugs program components and synthesizes them into a tested, documented program product.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Requisites:** Prerequisites, COMP 301 and 311; or COMP 401, 410, and 411; as well as at least two chosen from COMP 421, 426, 431, 433, 520, 530, 535, 575, 580.

**Grading Status:** Letter grade.

**COMP 524. Programming Language Concepts. 3 Credits.**

Concepts of high-level programming and their realization in specific languages. Data types, scope, control structures, procedural abstraction, classes, concurrency. Run-time implementation.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 301, 311, and 455; or COMP 401, 410, 411, and 455; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 530. Operating Systems. 3 Credits.**

Types of operating systems. Concurrent programming. Management of storage, processes, devices. Scheduling, protection. Case study. Course includes a programming laboratory. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 301 and 311; or COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 533. Distributed Systems. 3 Credits.**

Distributed systems and their goals; resource naming, synchronization of distributed processes; consistency and replication; fault tolerance; security and trust; distributed object-based systems; distributed file systems; distributed Web-based systems; and peer-to-peer systems.

**Rules & Requirements**

**Requisites:** Prerequisite, COMP 431, 524, or 530; a grade of C or better is required; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMP 535. Introduction to Computer Security. 3 Credits.**

Principles of securing the creation, storage, and transmission of data and ensuring its integrity, confidentiality and availability. Topics include access control, cryptography and cryptographic protocols, network security, and online privacy.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 301 and 311; or COMP 401, 410, and 411; as well as COMP 550, and COMP 283 or MATH 381; a grade of C or better is required in all prerequisites.

**Grading Status:** Letter grade.

**COMP 537. Cryptography. 3 Credits.**

Introduces both the applied and theoretical sides of cryptography. Main focus will be on the inner workings of cryptographic primitives and how to use them correctly. Begins with standard cryptographic tools such as symmetric and public-key encryption, message authentication, key exchange, and digital signatures before moving on to more advanced topics. Potential advanced topics include elliptic curves, post-quantum cryptography, and zero-knowledge proofs. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 211 and COMP 301; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**COMP 541. Digital Logic and Computer Design. 4 Credits.**

This course is an introduction to digital logic as well as the structure and electronic design of modern processors. Students will implement a working computer during the laboratory sessions.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 301 and 311; or COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 545. Programming Intelligent Physical Systems. 3 Credits.**

Introduction to programming embedded control systems that lie at the heart of robots, drones, and autonomous vehicles. Topics will include modeling physical systems, designing feedback controllers, timing analysis of embedded systems and software, software implementations of controllers on distributed embedded platforms and their verification. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 301 and COMP 311; or COMP 411; a C or better is required in all pre-requisites.

**Grading Status:** Letter grade.

 **COMP 550. Algorithms and Analysis. 3 Credits.**

Formal specification and verification of programs. Techniques of algorithm analysis. Problem-solving paradigms. Survey of selected algorithms.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Requisites:** Prerequisites, COMP 211 and 301; or COMP 410; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 555. Bioalgorithms. 3 Credits.**

Bioinformatics algorithms. Topics include DNA restriction mapping, finding regulatory motifs, genome rearrangements, sequence alignments, gene prediction, graph algorithms, DNA sequencing, protein sequencing, combinatorial pattern matching, approximate pattern matching, clustering and evolution, tree construction, Hidden Markov Models, randomized algorithms.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 210, and 211; or COMP 401, and 410; and MATH 231, or 241; or BIOL 452; or MATH 553; or BIOL 525; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**Same as:** BCB 555.

**COMP 560. Artificial Intelligence. 3 Credits.**

Introduction to techniques and applications of modern artificial intelligence. Combinatorial search, probabilistic models and reasoning, and applications to natural language understanding, robotics, and computer vision.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 211 and 301; or COMP 401 and 410; as well as MATH 231; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 562. Introduction to Machine Learning. 3 Credits.**

Machine learning as applied to speech recognition, tracking, collaborative filtering, and recommendation systems. Classification, regression, support vector machines, hidden Markov models, principal component analysis, and deep learning. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 211 and 301; or COMP 401 and 410; as well as MATH 233, 347, and STOR 435; a grade of C or better is required in all prerequisite courses; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**COMP 572. Computational Photography. 3 Credits.**

The course provides a hands on introduction to techniques in computational photography—the process of digitally recording light and then performing computational manipulations on those measurements to produce an image or other representation. The course includes an introduction to relevant concepts in computer vision and computer graphics.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 301; or COMP 401 and 410; as well as MATH 347 or 577; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 575. Introduction to Computer Graphics. 3 Credits.**

Hardware, software, and algorithms for computer graphics. Scan conversion, 2-D and 3-D transformations, object hierarchies. Hidden surface removal, clipping, shading, and antialiasing. Not for graduate computer science credit.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 301 and 311; or COMP 401, 410 and 411; as well as MATH 347 or MATH 577; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 576. Mathematics for Image Computing. 3 Credits.**

Mathematics relevant to image processing and analysis using real image computing objectives and provided by computer implementations.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 116 or 210 or 401, and MATH 233; a grade of C or better is required in all prerequisites.

**Grading Status:** Letter grade.

**Same as:** BMME 576.

 **COMP 580. Enabling Technologies. 3 Credits.**

We will investigate ways computer technology can be used to mitigate the effects of disabilities and the sometimes surprising response of those we intended to help.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Requisites:** Prerequisites, COMP 211 and 301; or COMP 401 and 410; a grade of C or better is required in all prerequisites.

**Grading Status:** Letter grade.

**COMP 581. Introduction to Robotics. 3 Credits.**

Hands-on introduction to robotics with a focus on the computational aspects. Students will build and program mobile robots. Topics include kinematics, actuation, sensing, configuration spaces, control, and motion planning. Applications include industrial, mobile, personal, and medical robots. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 301 and 311; or COMP 401, 410, and 411; a grade of C or better is required in all prerequisite courses.

**Grading Status:** Letter grade.

 **COMP 585. Serious Games. 3 Credits.**

Concepts of computer game development and their application beyond entertainment to fields such as education, health, and business. Course includes team development of a game. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, COMP 301 and 311; or COMP 401, 410, and 411; as well as at least two chosen from COMP 421, 426, 431, 433, 520, 523, 530, 535, 575; a grade of C or better in all prerequisite courses.

**Grading Status:** Letter grade.

**COMP 590. Topics in Computer Science. 3 Credits.**

This course has variable content and may be taken multiple times for credit. Different sections may be taken in the same semester. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 211 and COMP 301.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**COMP 630. Operating System Implementation. 3 Credits.**

Students will learn how to write OS kernel code in C and a small amount of assembly. Students will implement major components of the OS kernel, such as page tables, scheduling, and program loading.

**Rules & Requirements**

**Requisites:** Prerequisite, COMP 530; a grade of B+ or better is required; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**COMP 631. Networked and Distributed Systems. 3 Credits.**

Topics in designing global-scale computer networks (link layer, switching, IP, TCP, congestion control) and large-scale distributed systems (data centers, distributed hash tables, peer-to-peer infrastructures, name systems).

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 431 and COMP 530; a grade of C or better is required in all prerequisite courses; Permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**COMP 633. Parallel and Distributed Computing. 3 Credits.**

Required preparation, a first course in operating systems and a first course in algorithms (e.g., COMP 530 and 550). Principles and practices of parallel and distributed computing. Models of computation. Concurrent programming languages and systems. Architectures. Algorithms and applications. Practicum.

**Rules & Requirements**

**Grading Status:** Letter grade.

**COMP 635. Wireless and Mobile Communications. 3 Credits.**

This course builds an understanding of the core issues encountered in the design of wireless (vs. wired) networks. It also exposes students to fairly recent paradigms in wireless communication.

**Rules & Requirements**

**Requisites:** Prerequisite, COMP 431.

**Grading Status:** Letter grade.

**COMP 636. Distributed Collaborative Systems. 3 Credits.**

Design and implementation of distributed collaborative systems. Collaborative architectures, consistency of replicated objects, collaborative user-interfaces, application and system taxonomies, application-level multicast, performance, causality, operation transformation, and concurrency and access control.

**Rules & Requirements**

**Requisites:** Prerequisite, COMP 431 or 530; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.



**COMP 651. Computational Geometry. 3 Credits.**

Required preparation, a first course in algorithms (e.g., COMP 550). Design and analysis of algorithms and data structures for geometric problems. Applications in graphics, CAD/CAM, robotics, GIS, and molecular biology.

**Rules & Requirements**

**Requisites:** Prerequisite, COMP 550.

**Grading Status:** Letter grade.

**COMP 662. Scientific Computation II. 3 Credits.**

Theory and practical issues arising in linear algebra problems derived from physical applications, e.g., discretization of ODEs and PDEs. Linear systems, linear least squares, eigenvalue problems, singular value decomposition.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 661.

**Grading Status:** Letter grade.

**Same as:** MATH 662, ENVR 662.

**COMP 664. Deep Learning. 3 Credits.**

Introduction to the field of deep learning and its applications. Basics of building and optimizing neural networks, including model architectures and training schemes.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 562, COMP 755, or STOR 565 and MATH 201, 347, or 577 and MATH 233 or 522; permission of the instructor for student lacking the prerequisites.

**Grading Status:** Letter grade.

**COMP 665. Images, Graphics, and Vision. 3 Credits.**

Required preparation, a first course in data structures and a first course in discrete mathematics (e.g., COMP 410 and MATH 383). Display devices and procedures. Scan conversion. Matrix algebra supporting viewing transformations in computer graphics. Basic differential geometry. Coordinate systems, Fourier analysis, FDFT algorithm. Human visual system, psychophysics, scale in vision.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**COMP 672. Simulation Modeling and Analysis. 3 Credits.**

Introduces students to modeling, programming, and statistical analysis applicable to computer simulations. Emphasizes statistical analysis of simulation output for decision-making. Focuses on discrete-event simulations and discusses other simulation methodologies such as Monte Carlo and agent-based simulations. Students model, program, and run simulations using specialized software. Familiarity with computer programming recommended.

**Rules & Requirements**

**Requisites:** Prerequisites, STOR 555 and 641.

**Grading Status:** Letter grade.

**Same as:** STOR 672.


**COMP 690. Special Topics in Computer Science. 1-4 Credits.**

This course has variable content and may be taken multiple times for credit. COMP 690 courses do not count toward the major or minor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **COMP 691H. Honors Thesis in Computer Science. 3 Credits.**


For computer science majors only and by permission of the department. Individual student research for students pursuing an honors thesis in computer science under the supervision of a departmental faculty adviser.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **COMP 692H. Honors Thesis in Computer Science. 3 Credits.**

Permission of the department. Required of all students in the honors program in computer science. The construction of a written honors thesis and an oral public presentation of the thesis are required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Department of Computer Science**

Visit Program Website (<http://www.cs.unc.edu>)

Brooks Computer Science Building, 201 S. Columbia Street, CB# 3175  
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**Chair**

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## Computer Science Major, B.A.

The bachelor of arts degree with a major in computer science will prepare students for a career in either a traditional computing field or a field in which computing is a significant enabling technology. The B.A. degree is the preferred degree for those who wish more flexibility in their program of study.

## Admission to the Major

The demand for concentrating in a computer science program has grown significantly at UNC–Chapel Hill over the past decade. In order to maintain the quality of educational experiences Carolina students studying computer science deserve, we must restrict the number of students majoring in computer science relative to our faculty size's ability to sustain the programs.

Those wishing to concentrate in computer science must be admitted to a major program (B.A. or B.S.). Students are eligible to apply in the spring semester after completing or while currently enrolled in COMP 210. Students who are admitted to the program continue through the introductory course sequence with COMP 301 and COMP 211 and will have access to upper-division electives to complete their degree programs. Please see the department's website (<https://cs.unc.edu/>)

undergraduate/cs-admissions/) for the most up-to-date information about the admission to the major process.

## Student Learning Outcomes

Upon completion of the computer science program (B.A.), students should be able to:




- Understand major concepts, theoretical perspectives, empirical findings, and historical trends in the core of computer science
- Gain employment in highly competitive industries and companies and be successful in those positions
- Use critical and creative thinking skills in their approach to analyzing and solving computational problems
- Apply their knowledge in the completion of a significant real-world experience



## Requirements

In addition to the program requirements, students must




- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
COMP 210	Data Structures and Analysis <sup>1</sup>	3
COMP 211	Systems Fundamentals <sup>1</sup>	3
COMP 301	Foundations of Programming <sup>1</sup>	3
COMP 311	Computer Organization <sup>1</sup>	3
COMP 283	 Discrete Structures <sup>1, H</sup>	3
	or MATH 381 Discrete Mathematics	
Two additional COMP elective courses numbered 420 or higher (at least three credits each) <sup>2</sup>		6
Four additional elective courses chosen from the following, with no more than two courses from other departments:		12
COMP courses numbered 420 - 599 (excluding COMP 496)		
Graduate level courses (600 or higher) excluding COMP 690, COMP 692H, and COMP 790 <sup>3</sup>		
BIOL 525	Analysis and Interpretation of Sequence-Based Functional Genomics Experiments	
BIOL 554	Introduction to Computational Neuroscience	
BIOS 512	Data Science Basics	
BIOS 611	Introduction to Data Science	
BIOS 635	Introduction to Machine Learning	
ECON 525	 Advanced Financial Economics	
ECON 573	 Machine Learning and Econometrics	
INLS 318	Human Computer Interaction	
INLS 418	Human Factors in System Design	

INLS 509	Information Retrieval
INLS 512	Applications of Natural Language Processing
INLS 523	Introduction to Database Concepts and Applications
INLS 609	Experimental Information Retrieval
INLS 613	Text Mining
INLS 623	Database Systems II: Intermediate Databases
INLS 672	Web Development II
INLS 718	User Interface Design
LING 401	 Language and Computers
LING 540	Mathematical Linguistics
MATH 566	Introduction to Numerical Analysis
MATH/ENVR 661	Scientific Computation I
PHYS 231	 Physical Computing
PHYS 331	Numerical Techniques for the Sciences I
PSYC 559	Applied Machine Learning in Psychology
STOR 520	Statistical Computing for Data Science
STOR 565	Machine Learning
STOR 566	Introduction to Deep Learning
Other courses must be approved by the director of undergraduate studies and must have a significant computer or computing technology component.	

### Additional Requirements

MATH 231	 Calculus of Functions of One Variable I (A grade of C or better is required) <sup>1, H, F</sup>	4
STOR 155	 Introduction to Data Models and Inference <sup>4, F</sup>	3
or STOR 435	Introduction to Probability	
or STOR 535	Probability for Data Science	
or PSYC 210	 Statistical Principles of Psychological Research	
or GEOL 520	Data Analysis in the Earth Sciences	
or BIOS 650	Basic Elements of Probability and Statistical Inference I	

B.A. majors in computer science must fulfill all General Education requirements, including the Supplemental General Education requirement.

**Total Hours** **40**

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A grade of C or better is required in each of COMP 283 (or MATH 381), COMP 210, COMP 211, COMP 301, COMP 311, and MATH 231.

<sup>2</sup> Excluding COMP 496, COMP 690, and COMP 692H

<sup>3</sup> COMP 790 courses are general seminar courses that are not appropriate for this requirement and may only be counted with the approval of the director of undergraduate studies.









<sup>4</sup> PSYC 210 requires PSYC 101 as a prerequisite. Both STOR 435 and STOR 535 require MATH 233 as a prerequisite.

Computer science (COMP) course descriptions (p. 338).

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The following is a suggested four-year plan of study for B.A. majors.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  or  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
COMP 110  Introduction to Programming and Data Science (if needed) <sup>H</sup>	3
COMP 283  Discrete Structures <sup>H</sup>	3
COMP 210 Data Structures and Analysis	3
MATH 231  Calculus of Functions of One Variable I (fulfills FC-QUANT) <sup>H, F</sup>	4
<b>Additional Courses</b>	
Lifetime Fitness (p. 1239)	1
Electives or IDEAs in Action Requirements	5
<b>Hours</b>	<b>30</b>
<b>Sophomore Year</b>	
COMP 211 Systems Fundamentals	3
COMP 301 Foundations of Programming	3
COMP 311 Computer Organization	3
An appropriate physical and life sciences IDEAs in Action course	4
Two additional IDEAs in Action courses	6
Free elective	11
<b>Hours</b>	<b>30</b>
<b>Junior Year</b>	
STOR 155  Introduction to Data Models and Inference <sup>F</sup>	3
Three upper division COMP electives or approved non-COMP electives	9
Four additional IDEAs in Action courses	12
Two supplemental General Education courses	6
<b>Hours</b>	<b>30</b>

### Senior Year

Three COMP courses numbered 420 or higher	9
One Supplemental General Education course	3
IDEAs in Action and free elective courses	18
<b>Hours</b>	<b>30</b>
<b>Total Hours</b>	<b>120</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

### Notes on the Suggested Plan of Study

A first formal course in computer programming (such as COMP 110) is a prerequisite for COMP 210. Students with no programming experience should begin their program of study with COMP 110. Students who are unsure if their background preparation enables them to begin their studies with COMP 210 are encouraged to consult a departmental advisor. Placement exams for COMP 110 and COMP 210 may be available, please consult the department's website.

Students are required to apply for the major in the Spring semester after taking COMP 210. The plan of study reflects applying at the end of the first year and presumes acceptance into the program. Students who take COMP 210 in their sophomore year would apply at the end of their sophomore year. In this case, COMP 211, COMP 301, and all subsequent upper division electives would move to the junior and senior years; and electives and general education courses would come forward.

This plan of study further assumes that students will place out of Global Language 1. If this is not the case, then the student should start with Global Language 1 (and have one fewer free elective in the senior year).

## Special Opportunities in Computer Science

### Honors in Computer Science

Students are eligible for graduation with honors if they complete the following requirements:

- A cumulative grade point average of 3.3 or better
- A grade point average of 3.3 or better from among the set of COMP, MATH, PHYS, and STOR courses taken to fulfill the graduation requirements for the major
- Graduation with honors requires the completion of two semesters of research (COMP 691H and COMP 692H). As part of COMP 692H, students must submit a written honors thesis and complete an oral public presentation of the thesis. Graduation with highest honors in computer science is possible for those students whose honors project and thesis are judged by a faculty committee to be particularly distinguished.

Students interested in pursuing honors in computer science are encouraged to contact the director of undergraduate studies.

## High-Impact Experiences

Courses arranged in advance with a supervising faculty member offer a number of high-impact experiences. These courses include:

- COMP 227, earning credit for serving as an undergraduate learning assistant;
- COMP 293, earning credit for appropriate work experience;
- COMP 495, conducting mentored research with a faculty member;
- and study abroad while earning credit that counts toward the major (see below).

## Assistantships and Internships

In addition to their classroom experiences, undergraduates may enhance their learning experience as research assistants or learning assistants. Students also can participate in nationally recognized research programs or use the department's facilities to pursue self-directed research with a faculty member.

Work-study students can gain valuable work experience as assistants on the department's computer services staff or on development or research activities with faculty. The department also encourages students to pursue internship experiences. Carolina's proximity to Research Triangle Park means that computer science majors have many internship and postgraduation opportunities available in their own backyard.

## Study Abroad

Study abroad opportunities with priority for computer science students are offered through a number of international institutions including the National University of Singapore (NUS) School of Computing, Lancaster University, Trinity University–Dublin, University of New South Wales, and Seoul National University. Study abroad at NUS is eligible for the Phillips Ambassadors Scholarship. Please see the Phillips Ambassadors website (<http://phillips.unc.edu>) for more information. Availability of these programs may vary and additional programs may be available. Application for study abroad is through the University's Study Abroad Office.

Study abroad satisfies the experiential education General Education requirement of the undergraduate curriculum. Up to two computer science courses taken at these institutions may be counted toward the major as computer science electives beyond the introductory sequence. Specific course equivalencies for some programs are posted on the department's website (<https://cs.unc.edu/>). Students interested in taking a course not listed should contact the director of undergraduate studies before registering for courses at the school.

## Undergraduate Awards

The department awards two yearly prizes to computer science majors. In conjunction with SAS Institute, the department annually presents the Charles H. Dunham Scholarship. The Dunham scholarship includes a scholarship and a summer internship at SAS and is awarded in the fall semester to a student in their junior year. The department also annually presents the Stephen F. Weiss Award for Outstanding Achievement in Computer Science, which includes a cash prize. The Weiss award is presented to a student in the spring of their senior year.

## Department Programs

### Majors

- Computer Science Major, B.A. (p. 345)
- Computer Science Major, B.S. (p. 348)

### Minor

- Computer Science Minor (p. 352)

### Graduate Programs

- M.S. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science/>)
- Ph.D. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science/>)

## Contact Information

### Department of Computer Science

Visit Program Website (<http://www.cs.unc.edu>)

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## Computer Science Major, B.S.

The bachelor of science with a major in computer science is the preferred degree both for graduate study in computer science and for technical careers in software development, computational science, networking, information systems, and electronic commerce. Graduates of the program are well-suited for professional employment in traditional computer and communications industries, as well as in such diverse industries as financial services and consulting practices in which computing and information management are central to the operation of the enterprise. Students who desire a more in-depth knowledge of computing have the option of receiving a bachelor's degree and a master's degree in as few as five years.

## Admission to the Major

The demand for concentrating in a computer science program has grown significantly at UNC–Chapel Hill over the past decade. In order to maintain the quality of educational experiences Carolina students studying computer science deserve, we must restrict the number of students majoring in computer science relative to our faculty size's ability to sustain the programs.

Those wishing to concentrate in computer science must be admitted to a major program (B.A. or B.S.). Students are eligible to apply in the spring semester after completing or while currently enrolled in COMP 210. Students who are admitted to the program continue through the introductory course sequence with COMP 301 and COMP 211 and will have access to upper-division electives to complete their degree programs. Please see the department's website (<https://cs.unc.edu/>)

undergraduate/cs-admissions/) for the most up-to-date information about the admission to the major process.

## Student Learning Outcomes

Upon completion of the computer science program (B.S.), students should be able to:

- Understand major concepts, theoretical perspectives, empirical findings, and historical trends in the core of computer science
- Gain technical employment in computing or related fields, or gain admission to high-quality graduate programs, either in computing or related professions
- Use critical and creative thinking skills in their approach to analyzing and solving computational problems
- Apply their knowledge, research skills, and critical thinking in the completion of a significant research project

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
COMP 210	Data Structures and Analysis <sup>1</sup>	3
COMP 211	Systems Fundamentals <sup>1</sup>	3
COMP 301	Foundations of Programming <sup>1</sup>	3
COMP 311	Computer Organization <sup>1</sup>	3
COMP 283	Discrete Structures <sup>1, H</sup>	3
or MATH 381	Discrete Mathematics	
COMP 455	Models of Languages and Computation	3
COMP 550	Algorithms and Analysis	3
Five additional three-or-more credit hour COMP courses numbered 420 or higher (excluding COMP 496, COMP 690, and COMP 692H). <sup>2</sup>		15
<b>Additional Requirements</b>		
MATH 231	Calculus of Functions of One Variable I <sup>1, H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>1, H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>1, H, F</sup>	4
MATH 347	Linear Algebra for Applications	3
or MATH 577	Linear Algebra	
STOR 435	Introduction to Probability	3
or STOR 535	Probability for Data Science	
or BIOS 650	Basic Elements of Probability and Statistical Inference I	
Two science courses chosen from: <sup>1</sup>		8

ASTR 100 & 100L	Understanding the Universe and  Astronomy with Skynet: Our Place in Space
ASTR 101 & ASTR 100L	Introduction to Astronomy: The Solar System and  Astronomy with Skynet: Our Place in Space <sup>H</sup>
ASTR 102 & ASTR 100L	Introduction to Astronomy: Stars, Galaxies & Cosmology and  Astronomy with Skynet: Our Place in Space <sup>H</sup>
ASTR 103 & ASTR 100L	Alien Life in the Universe and  Astronomy with Skynet: Our Place in Space
BIOL 101 & 101L	Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>
BIOL 202	Molecular Biology and Genetics <sup>H, F</sup>
BIOL 205	Cellular and Developmental Biology <sup>H</sup>
BIOL 220	Molecular Genetics
BIOL 240	Cell Biology
CHEM 101 & 101L	General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>F</sup>
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>
EMES 101 & 101L	Planet Earth and
PHYS 114	General Physics I: For Students of the Life Sciences <sup>F</sup>
PHYS 115	General Physics II: For Students of the Life Sciences <sup>F</sup>
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>F</sup>
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>F</sup>
PHYS 351	Electronics I
PHYS 352	Electronics II

B.S. majors in computer science must fulfill all IDEAs in Action General Education requirements.

**Total Hours** **62**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A grade of C or better is required in each of COMP 283 (or MATH 381), COMP 210, COMP 211, COMP 301, COMP 311, MATH 231, MATH 232, MATH 233, and the two science courses.

<sup>2</sup> Graduate level courses (600 or higher) other than COMP 790 may be counted towards this requirement. COMP 790 courses are generally seminar courses that are not appropriate for this requirement and may










only be counted with the approval of the director of undergraduate studies.

Computer science (COMP) course descriptions (p. 338).

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The following is a suggested plan of study for B.S. majors.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
COMP 110  Introduction to Programming and Data Science <sup>H</sup>	3
COMP 210 Data Structures and Analysis	3
COMP 283  Discrete Structures <sup>H</sup>	3
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup>	4
<b>Additional Courses</b>	
Additional General Education courses	6
<b>Hours</b>	<b>30</b>
<b>Sophomore Year</b>	
COMP 211 Systems Fundamentals	3
COMP 301 Foundations of Programming	3
COMP 311 Computer Organization	3
MATH 232  Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233  Calculus of Functions of Several Variables <sup>H, F</sup>	4
Two science courses (see requirement course list)	8
Two additional General Education courses	6
<b>Hours</b>	<b>31</b>
<b>Junior Year</b>	
COMP 455 Models of Languages and Computation	3
COMP 550  Algorithms and Analysis	3
MATH 347 Linear Algebra for Applications	3
STOR 435 Introduction to Probability	3
Two courses numbered COMP 420 or greater	6
Two additional General Education courses	6

Electives	6
<b>Hours</b>	<b>30</b>
<b>Senior Year</b>	
Three courses numbered COMP 420 or greater	9
General Education and free elective courses	20
<b>Hours</b>	<b>29</b>
<b>Total Hours</b>	<b>120</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Notes on the Suggested Plan of Study

A first formal course in computer programming (such as COMP 110) or equivalent experience is a prerequisite for COMP 210. Students with no programming experience should begin their program of study with COMP 110. Students who are unsure if their background preparation enables them to begin their studies with COMP 210 are encouraged to consult a departmental advisor. Placement exams for COMP 110 and COMP 210 may be available, please consult the department's website.

Students are required to apply for the major in the Spring semester after taking COMP 210. The plan of study reflects applying at the end of the first year and presumes acceptance into the program. Students who take COMP 210 in their sophomore year would apply at the end of their sophomore year. In this case, COMP 211, COMP 301, COMP 550 and all subsequent upper division electives would move to the junior and senior years; and electives and general education courses would come forward.

This plan of study further assumes that students will place out of Global Language 1. If this is not the case, then the student should start with Global Language 1 (and have one fewer free elective).

## Special Opportunities in Computer Science

### Honors in Computer Science

Students are eligible for graduation with honors if they complete the following requirements:

- A cumulative grade point average of 3.3 or better
- A grade point average of 3.3 or better from among the set of COMP, MATH, PHYS, and STOR courses taken to fulfill the graduation requirements for the major
- Graduation with honors requires the completion of two semesters of research (COMP 691H and COMP 692H). As part of COMP 692H, students must submit a written honors thesis and complete an oral public presentation of the thesis. Graduation with highest honors in computer science is possible for those students whose honors project and thesis are judged by a faculty committee to be particularly distinguished.

Students interested in pursuing honors in computer science are encouraged to contact the director of undergraduate studies.

## High-Impact Experiences

Courses arranged in advance with a supervising faculty member offer a number of high-impact experiences. These courses include:

- COMP 227, earning credit for serving as an undergraduate learning assistant;
- COMP 293, earning credit for appropriate work experience;
- COMP 495, conducting mentored research with a faculty member;
- and study abroad while earning credit that counts toward the major (see below).

## Assistantships and Internships

In addition to their classroom experiences, undergraduates may enhance their learning experience as research assistants or learning assistants. Students also can participate in nationally recognized research programs or use the department's facilities to pursue self-directed research with a faculty member.

Work-study students can gain valuable work experience as assistants on the department's computer services staff or on development or research activities with faculty. The department also encourages students to pursue internship experiences. Carolina's proximity to Research Triangle Park means that computer science majors have many internship and postgraduation opportunities available in their own backyard.

## Study Abroad

Study abroad opportunities with priority for computer science students are offered through a number of international institutions including the National University of Singapore (NUS) School of Computing, Lancaster University, Trinity University–Dublin, University of New South Wales, and Seoul National University. Study abroad at NUS is eligible for the Phillips Ambassadors Scholarship. Please see the Phillips Ambassadors website (<http://phillips.unc.edu>) for more information. Availability of these programs may vary and additional programs may be available. Application for study abroad is through the University's Study Abroad Office.

Study abroad satisfies the experiential education General Education requirement of the undergraduate curriculum. Up to two computer science courses taken at these institutions may be counted toward the major as computer science electives beyond the introductory sequence. Specific course equivalencies for some programs are posted on the department's website (<https://cs.unc.edu/>). Students interested in taking a course not listed should contact the director of undergraduate studies before registering for courses at the school.

## Undergraduate Awards

The department awards two yearly prizes to computer science majors. In conjunction with SAS Institute, the department annually presents the Charles H. Dunham Scholarship. The Dunham scholarship includes a scholarship and a summer internship at SAS and is awarded in the fall semester to a student in their junior year. The department also annually presents the Stephen F. Weiss Award for Outstanding Achievement in Computer Science, which includes a cash prize. The Weiss award is presented to a student in the spring of their senior year.

## Dual Bachelor's–Master's Degree Program

Students in the B.S. degree program with a GPA of 3.2 or better after five or more semesters of study have the option of applying to the dual B.S.–M.S. program at UNC–Chapel Hill to pursue graduate coursework leading to the degree of master of science. Such students must complete the

requirements for the bachelor of science degree within eight semesters. Upon completion of the B.S. degree, students then enroll as a graduate student to continue work towards the master of science degree.

The requirements for the master of science degree can be found in the *Graduate Catalog*. Generally, the master's degree requires 30 additional hours of computer science coursework. Up to nine credit hours of computer science coursework taken while an undergraduate can be applied to the master's degree if the coursework is not also used to satisfy the graduation requirements for the bachelor's degree. The requirements for the master's can be completed in as few as two additional semesters, for a total of 10 semesters of study.

Students interested in the dual-degree program should have completed (or be on track to complete) seven computer science courses at the 400 level or higher by the end of their sixth semester. Students must formally apply for admission to the combined B.S.–M.S. program, and it is expected that the application process would take place in the student's sixth semester. Students applying in their sixth semester of study will be notified of the outcome of their application by the end of their sixth semester.

Students interested in the dual-degree program are strongly advised to consult the director of undergraduate studies in the Department of Computer Science in their sophomore year to discuss eligibility and an appropriate plan of study.

## Department Programs

### Majors

- Computer Science Major, B.A. (p. 345)
- Computer Science Major, B.S. (p. 348)

### Minor

- Computer Science Minor (p. 352)

### Graduate Programs

- M.S. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science/>)
- Ph.D. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science/>)

## Contact Information

### Department of Computer Science

Visit Program Website (<http://www.cs.unc.edu>)

Brooks Computer Science Building, 201 S. Columbia Street, CB# 3175  
(919) 590-6000

### Chair

Samarjit Chakraborty  
[samarjit@cs.unc.edu](mailto:samarjit@cs.unc.edu)

### Director of Undergraduate Studies

Ketan Mayer-Patel  
[kmp@cs.unc.edu](mailto:kmp@cs.unc.edu)

### Student Services Manager

Brandon Byrd  
[bbyrd@cs.unc.edu](mailto:bbyrd@cs.unc.edu)

## Computer Science Minor

The Department of Computer Science offers instruction and performs research in the essential areas of computer science including software, Web and Internet computing, networking, hardware systems, operating systems, compilers, parallel and distributed computing, theory of computing, and computer graphics.

*The computer science minor program is currently suspended to redirect maximal resources to the computer science major programs to admit as many students as possible.*

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

A student may minor in computer science by completing five courses within these restrictions:

Code	Title	Hours
<b>Core Requirements</b>		
COMP 210	Data Structures and Analysis	3
COMP 211	Systems Fundamentals	3
COMP 301	Foundations of Programming	3
Two courses from the following options:		6
COMP 311	Computer Organization	
COMP courses 420 or greater excluding COMP 495, COMP 496, COMP 691H, and COMP 692H		
<b>Total Hours</b>		<b>15</b>

Alternatives to these requirements must be approved by the director of undergraduate studies.

## Department Programs

### Majors

- Computer Science Major, B.A. (p. 345)
- Computer Science Major, B.S. (p. 348)

### Minor

- Computer Science Minor (p. 352)

### Graduate Programs

- M.S. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science/>)
- Ph.D. in Computer Science (<http://catalog.unc.edu/graduate/schools-departments/computer-science/>)

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### Director of Undergraduate Studies

Ketan Mayer-Patel  
kmp@cs.unc.edu

### Student Services Manager

Brandon Byrd  
bbyrd@cs.unc.edu

## Department of Dramatic Art Introduction

The study of dramatic art focuses upon the dramatic texts of the classical and modern periods from across the globe and introduces the student to the variety of artistic endeavors necessary to realize the text in theatrical performance. Majors concentrate on the literature and history of the theatre while investigating the processes involved in acting, directing, design, costume, and technical production.

Courses focus on the connections between theatre and society, between theatrical performance and the visual arts, and between dramatic literature and philosophy, history, and other literary forms. The study of theatre embraces a range of subjects in the humanities and fine arts, including literature, language, aesthetics, culture, and performance.

## Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Every student whose primary major is dramatic art will also be assigned a departmental advisor, beginning in the semester that 60 hours will be completed. The department's director of undergraduate studies and undergraduate advisor work with current and prospective majors by appointment. Please contact the department at CB# 3230, (919) 962-1132. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<http://drama.unc.edu/>).

## Facilities

The Department of Dramatic Art's offices, classrooms, studios, rehearsal hall, and construction shops are located in the Joan H. Gillings Center for Dramatic Art. Each year the Department of Dramatic Art's Kenan Theatre Company (KTC) supports four full productions in the Elizabeth Price Kenan Theatre. The Department also sponsors a variety of other productions such as student-directed work in the smaller classroom environment. The department provides showcase venues for new student writing, including readings and fully produced plays.

## Graduate School and Career Opportunities

The dramatic art major is associated with a variety of career opportunities, including graduate study, public relations, communications, arts management, public service, teaching, and theatre-related careers, including literary management, stage management, acting, design,



publicity, marketing, fund-raising, technical production, sound and lighting technology, box office management, costuming, electrics, and stage craft.

#### Major

- Dramatic Art Major, B.A. (p. 360)

#### Minors

- Dramatic Art Minor (p. 362)
- Musical Theatre Performance Minor (p. 363)

#### Graduate Program

- M.F.A. in Dramatic Art (<http://catalog.unc.edu/graduate/schools-departments/dramatic-art/>)

## Professors

Janet A. Chambers, McKay Coble, David Navalinsky, Michael J. Roller, Adam N. Versényi.

## Associate Professors

Julia Gibson, Jacqueline Lawton.

## Assistant Professors

Tracy Bersley, Samuel Gates, Tia James, Gwendolyn Schwinke, Kathryn Williams.

## Professors of the Practice

Vivienne Benesch, Triffin Morris.

## Teaching Professors

Jeffrey Blair Cornell, Gregory Kable.

## Teaching Associate Professor

Adam Maxfield.

## Teaching Assistant Professors

Laura Pates, Mark Perry, Rachel Pollock, Aubrey Snowden.

## Professors Emeriti

Judith L. Adamson, Milly S. Barranger (Alumni Distinguished Professor), Raymond E. Dooley, David A. Hammond, Roberta A. (Bobbi) Owen (Michael R. McVaugh Distinguished Professor in Dramatic Art), Kathy Perkins, Bonnie N. Raphael, Craig W. Turner.

## DRAM—Dramatic Art Undergraduate-level Courses

 **DRAM 79. First-Year Seminar: The Heart of the Play: Fundamentals of Acting, Playwriting, and Collaboration. 3 Credits.**


This seminar is designed to get the student doing theatre, sparking creativity, and making connections with the deeper lessons of this dynamic art form. Students will write, stage, and perform their own 10-minute plays.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-CREATE.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

 **DRAM 80. First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down. 3 Credits.**


The course seeks to help students find ways to articulate their own motivations for dress and then apply the ideas they have discovered to the ways in which individuality as well as group attitudes are expressed through clothing. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

 **DRAM 81. First-Year Seminar: Staging America: The American Drama. 3 Credits.**

This seminar examines American drama from its colonial origins to the present as both a literary and commercial art form. The focus throughout will be on the forces that shaped American drama as well as drama's ability to shed light on the national experience. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

 **DRAM 83. First-Year Seminar: Spectacle in the Theatre. 3 Credits.**

This course examines how the theatrical designer uses scenery, costumes, and lighting to help create a production. Students will apply these techniques in creating their own design projects.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **DRAM 85. First-Year Seminar: Documentary Theatre. 3 Credits.**


This course explores the political and social ramifications of documentary theatre in the United States. Students will investigate a local community of their choosing and create an interview-based performance. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts, NA.

**Grading Status:** Letter grade.

 **DRAM 87. First-Year Seminar: Style: A Mode of Expression. 3 Credits.**

This seminar studies the elements of design in their pure form, surveys a history of period styles and theatre, and identifies their causes. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

 **DRAM 89. First Year Seminar: Special Topics. 3 Credits.**

This is a special topics course. Content will vary.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **DRAM 115. Perspectives in Drama. 3 Credits.**

A survey of plays from the Greeks to the present, analyzed through such elements of the dramatic text as action, character, structure, and language. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **DRAM 116. Perspectives in the Theatre: Page to Stage. 3 Credits.**

A survey of the interrelationships of acting, directing, designing, and playwriting through the study of major periods of theatrical expression and representative plays. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**DRAM 117. Perspectives in World Drama. 3 Credits.**

A survey of non-Western drama and theatre with emphasis on the historical and aesthetic development of those regions. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **DRAM 120. Play Analysis. 3 Credits.**

Development of the skill to analyze plays for academic and production purposes through the intensive study of representative plays. DRAM 120 is the first course in the major and the minor in dramatic art. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-AESTH.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**DRAM 131. Writing for the Screen and Stage. 3 Credits.**

Restricted course. Dramatic writing workshop open only to students in the writing for the screen and stage minor.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**Same as:** COMM 131.

**DRAM 134. Theatrical Auditions. 3 Credits.**

Permission of the instructor. Practice in the techniques necessary for successful auditions for the theatre.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **DRAM 135. Acting for Nonmajors. 3 Credits.**

Introduction to basic processes and techniques of acting for the stage.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Grading Status:** Letter grade.

**DRAM 140. Voice Training I. 3 Credits.**

Fundamental principles underlying the effective use of voice and speech in performance.

**Rules & Requirements**

**Grading Status:** Letter grade.

**DRAM 144. Acting the Song. 3 Credits.**

The course explores how to gain facility in expression and truthfulness in action while communicating through a dramatic song. Challenges include how to navigate a scene that moves into song and how to manage breath and vulnerability in performance. Permission of the instructor required.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **DRAM 150. Beginning Acting for the Major. 3 Credits.**

Introduction to acting tools, emphasizing playing actions and pursuing an objective by personalized given circumstances. Performance work drawn from short scripted, improvised, and contemporary scenes.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisite, DRAM 120.

**Grading Status:** Letter grade.

 **DRAM 151. Introduction to the American Stage Musical. 3 Credits.**

A topical survey of musical theater repertoire from its early inception in 18th-century Europe to current 21st-century incarnations. Various stylistic approaches, historical periods, and creative contributions to the genre will be explored. Examination of case studies through diverse perspectives of class, gender and race will situate the repertoire in a broad artistic and social context.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Grading Status:** Letter grade.

**Same as:** MUSC 151.

**DRAM 154. Performers' Awareness. 3 Credits.**

This course focuses on developing body and mind awareness and undoing habits (including habits of thought) which restrict the performer. The class explores strategies for reducing tension, re-discovering natural alignment, and replacing self-judgement with self-confidence.

**Rules & Requirements**

**Grading Status:** Letter grade.

**DRAM 155. Movement for the Actor. 3 Credits.**

Introduction to physical training. Individual/group exercises explore relaxation, breath, concentration, flexibility, and imaginative response that become physical tools for acting. May include stage combat, juggling, mime, improvisation, games, and yoga.

**Rules & Requirements**

**Grading Status:** Letter grade.

**DRAM 156. Physical Comedy, Farce Techniques, and Clown. 3 Credits.**

Beginning with a history of physical comedy and performance techniques, this experiential class will explore vulnerability and self-discovery through clown. Students will learn farce techniques which strengthen physical agility and comic timing. Through a process of rediscovering innocence in sound and movement, the student will begin to forget the filter of the socialized body, achieving a heightened presence.

**Rules & Requirements**

**Grading Status:** Letter grade.

**DRAM 160. Stagecraft. 3 Credits.**

General survey of materials, equipment, and processes used in technical theatre.

**Rules & Requirements**

**Grading Status:** Letter grade.

**DRAM 170. The Playful Actor: Theatre Games and Improvisation. 3 Credits.**

This course seeks to strengthen the powers of imagination, courage, spontaneity, and presence of the actor through theatre games and improvisation.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **DRAM 191. Technical Methods: Scenery. 3 Credits.**

DRAM 191 or 192 required for dramatic art majors. Permission of the instructor for nonmajors. Introduction to equipment, procedures, and personnel in the design and execution of plans for scenery, lighting, properties, and sound for theatrical productions.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Grading Status:** Letter grade.

 **DRAM 192. Technical Methods: Costume. 3 Credits.**

DRAM 191 or 192 required for dramatic art majors. Permission of the instructor for nonmajors. Introduction to equipment, procedures, and personnel in the design and execution of costumes for theatrical productions.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Grading Status:** Letter grade.

 **DRAM 193. Production Practicum. 3 Credits.**

Permission of the instructor for nonmajors. Required for the dramatic art major. Practicum in production with PlayMakers Repertory Company in costuming, scenery, lighting, sound, or theatre management.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **DRAM 196. Dramatic Art Projects. 1-3 Credits.**

Permission of the department. May be repeated for credit. Restricted to juniors and seniors majoring in dramatic art. Intensive individual work in major areas of theatrical production: design, technical, directing, acting, playwriting, management.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

 **DRAM 220. Theatre Histories. 3 Credits.**

This course introduces students to theatre histories and cultures from India, Asia, Africa, and Latin America, with reference to Western European/North American traditions. Students will investigate how drama, theatre, and performance develops both within individual cultural milieus and through contact with other cultures.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, DRAM 120.

**Grading Status:** Letter grade.

 **DRAM 230. Theatre of the Word. 3 Credits.**

This course, with a theatre and social justice theme, is structured to give students an understanding of the role of the speaker before the public, the logical and sequential development of an idea, and the methodology for organizing and presenting materials and information. The course will cover information gathering, speech outlining, small group discussion, and provide extemporaneous, informative, and persuasive speaking opportunities.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** COMMBEYOND.

**Grading Status:** Letter grade.

**DRAM 231. Playwriting I. 3 Credits.**

Permission of the department. A practical course in writing for the stage with studio productions of selected works.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**DRAM 240. Voice Training II. 3 Credits.**

A continuation of DRAM 140.

**Rules & Requirements**

**Requisites:** Prerequisite, DRAM 140.

**Grading Status:** Letter grade.

**DRAM 245. Acting for the Camera. 3 Credits.**

The process of acting and its relationship to the technical and artistic demands of television/film production. Problems of continuity and out-of-sequence filming. Concentration and thinking on camera.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisite, DRAM 135 or 150; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**DRAM 250. Intermediate Acting for the Major. 3 Credits.**

A deeper exploration of fulfilled actions prompted by an objective, with emphasis on developing techniques required by more formally structured texts such as Sophocles, Molière, Ibsen, Shaw, and Chekhov.

**Rules & Requirements**

**Requisites:** Prerequisite, DRAM 150.

**Grading Status:** Letter grade.

**DRAM 255. Movement for the Actor II. 3 Credits.**

Development of balance, flexibility, strength, focus, grace, and precision through martial art of T'ai Chi Ch'uan. Emphasis on applying T'ai Chi principles to acting. Chinese philosophical bases for T'ai Chi explored.

**Rules & Requirements**

**Requisites:** Prerequisite, DRAM 155; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**DRAM 260. Advanced Stagecraft. 3 Credits.**

The course provides practical applications of principles and techniques used in technical theatre. Lectures are supported by individually scheduled workshop sessions where techniques are applied to a theatrical production.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Requisites:** Prerequisite, DRAM 160; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**DRAM 265. Stage Makeup. 3 Credits.**

A study of principles and techniques for stage, film, and television makeup, including corrective makeup, old age, 3-D, casting for prosthetic pieces, and methods for creating fantasy forms. Also applicable to film and television.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**DRAM 277. Introduction to Theatrical Design. 3 Credits.**

General principles of scenic, costume, and lighting design for the theatre.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**DRAM 279. Introduction to Theatre Management. 3 Credits.**

An overview of the major functions of management in the American nonprofit theatre including marketing, fundraising, finances, strategy and operations. Presentation skills will be practiced.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**DRAM 281. Theatre History and Literature I. 3 Credits.**

Survey of theatre practice and writing from the Greeks to 1700.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, WB.

**Requisites:** Prerequisite, DRAM 120 and 220.

**Grading Status:** Letter grade.

**DRAM 282. Theatre History and Literature II. 3 Credits.**

Survey of theatre practice and writing from 1700 to 1920.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, CI, NA.

**Requisites:** Prerequisites, DRAM 120 and 220.

**Grading Status:** Letter grade.

**DRAM 283. Theatre History and Literature III. 3 Credits.**

Survey of theatre practice and writing from 1930 to the present.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, CI, NA.

**Requisites:** Prerequisite, DRAM 120.

**Grading Status:** Letter grade.

**DRAM 284. Studies in Dramatic Theory and Criticism. 3 Credits.**

May be repeated for credit. Seminar in dramatic theory and criticism with emphasis on the modern period. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**DRAM 285. Modern British Drama. 3 Credits.**

Evolution of modern British drama from 1956 through the present. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

**DRAM 287. African American Theatre. 3 Credits.**

This course investigates the history and legacy of African American drama through the study of its literary texts, performance styles, and cultural history.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**DRAM 288. Theatre for Social Change. 3 Credits.**

This course assesses different models of theatre for social change through change theory, playwriting, and collaboration. Students will be guided through the process of creating new works.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**DRAM 290. Special Topics in Dramatic Art. 0.5-3 Credits.**

The study of a topic in dramaturgy, theatrical design, or theatrical production. Content and instructor will vary. May be repeated for credit.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**DRAM 292. "Corner of the Sky": The American Musical. 3 Credits.**

This course considers the anatomy and diversity of the American musical, exploring its history and aesthetics and employing an interdisciplinary approach to examining and celebrating its shows, sounds, stars, structures, styles, and sensibilities, within the genre's dominant contexts of Broadway, Hollywood, and Utopia.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**DRAM 294. Arts Criticism. 3 Credits.**

An introduction to the principles of arts criticism through study of the work of a variety of critics, by distinguishing between the nature of criticism and reviewing the arts (both performing and plastic), and through the students' own practice of critical writing by means of a series of short essays.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**DRAM 300. Directing. 3 Credits.**

Generally limited to majors. An introductory course in the principles of stage directing; analysis for concept, organization of production, and methodology of staging.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, DRAM 120; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**DRAM 331. Playwriting II. 3 Credits.**

A practical course in writing for the theatre, taught at an advanced level.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, DRAM 231; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**DRAM 350. Advanced Acting for the Major. 3 Credits.**

Development of the actor's technique in verse drama with emphasis on scansion and textual analysis as guidelines for actions, characterization, and given circumstances. Scene and monologue work drawn from the works of Shakespeare.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, DRAM 250; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**DRAM 393. Professional Theatre Laboratory. 1-12 Credits.**

Permission of the department. Individual programs or internship in acting, directing, design, management, and playwriting under the guidance of professional practitioners in conjunction with PlayMakers Repertory Company or other professional theatre organizations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### DRAM 460. Stage Management. 3 Credits.

Permission of the department. A study of the basic principles and practices of modern stage management.

#### Rules & Requirements

 IDEAs in Action Gen Ed: HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

### DRAM 465. Sound Design. 3 Credits.

The study of general principles of sound design for the theatre. Theory and application of sound design techniques for the stage, including script analysis, staging concepts, special effects, sound plots, and technology.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-CREATE.

**Grading Status:** Letter grade.

### DRAM 466. Scene Design. 3 Credits.

Permission of the instructor. General principles of visual design as applied to scenery for the theatre. Instruction in standard techniques of planning and rendering scene design.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

### DRAM 467. Costume Design I. 3 Credits.

Permission of the instructor. Studies and practicum in play analysis and costume design for the theatre. Instruction in techniques of planning and rendering costume design.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

### DRAM 468. Lighting Design I. 3 Credits.

Permission of the instructor. General principles of lighting design as applied to the performing arts. Theory and instruction in standard techniques of lighting for the stage.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

### **DRAM 470. Survey of Costume History. 3 Credits.**

A survey of historic costume forms from ancient Egypt to the present time. Honors version available.

#### Rules & Requirements

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

### **DRAM 473. Costume Construction I. 1-3 Credits.**

Permission of the instructor. Beginning instruction in pattern making through flat pattern for theatrical costume.

#### Rules & Requirements

**Grading Status:** Letter grade.

### **DRAM 474. Costume Construction II. 1-3 Credits.**

Beginning instruction in pattern making through draping on a dress form for theatrical costume.

#### Rules & Requirements

**Requisites:** Prerequisite, DRAM 473; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

### **DRAM 480. Period Styles for Production. 3 Credits.**

A study of the historical development of Western minor arts and the ramifications of reproducing them for the theatre. Students may not receive credit for both DRAM 280 and DRAM 480.

#### Rules & Requirements

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

### **DRAM 484. Studies in Dramaturgy and Criticism. 3 Credits.**

This seminar seeks to introduce students to the principles of arts criticism through study of the work of a variety of different critics, by distinguishing between the nature of criticism and reviewing the arts, and through the students' own practice of critical writing.

#### Rules & Requirements

**Grading Status:** Letter grade.

### DRAM 486. Latin American Theatre. 3 Credits.

This course explores the historical and aesthetic development of Latin American theatre, focusing on particular factors that distinguish this theatre from the Western European tradition.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

### DRAM 488. United States Latino/a Theatre. 3 Credits.

Investigation of United States Latino/a theatre texts and performance practices as a discreet genre. United States Latino/a theatre will be distinguished from the dominant culture, and the diversity of forms and styles will be discussed.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

### **DRAM 491. Issues in Arts Management. 3 Credits.**

Arts management issues taught through analysis of case studies. Course includes management theories, organizational structures, and current issues.

#### Rules & Requirements

**Grading Status:** Letter grade.

**DRAM 493. Theatre Management. 3 Credits.**

Practicum in theatre management procedures and business of the theatre involving box office, audience development, research, publicity, operational, and contract procedures in regard to artists, technicians, managers, and producers. Students actively engage in management areas of the PlayMakers Repertory Company and productions of the Department of Dramatic Art.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** CI, EE- Academic Internship.

**Grading Status:** Letter grade.

**DRAM 586. Costume Seminars I: Dyeing and Painting. 1-3 Credits.**

Permission of the instructor. Taught in a four-semester rotation. May be repeated for credit for a total of six hours for undergraduates and 12 hours for graduate students. Series of topics in costume for use in design and production for the stage.

**Rules & Requirements**

**Requisites:** Prerequisite, DRAM 192.

**Grading Status:** Letter grade.

**DRAM 587. Costume Seminars II: Millinery and Hair. 1-3 Credits.**

Permission of the instructor. Advanced costume production techniques with an emphasis on millinery and hair design.

**Rules & Requirements**

**Grading Status:** Letter grade.

**DRAM 588. Costume Seminars III: Masks and Armor. 1-3 Credits.**

Permission of the instructor. Advanced costume production techniques with an emphasis on creating masks and armor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**DRAM 589. Costume Seminars IV: Decorative Arts. 1-3 Credits.**

Advanced costume production techniques with an emphasis on decorative arts, with an emphasis on fans and shoes. This class requires permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**DRAM 590. Advanced Special Topics in Dramatic Art. 0.5-3 Credits.**

The study of a topic in dramaturgy, theatrical design, or theatrical production for advanced undergraduates and graduate students. Content and instructor will vary. May be repeated for credit.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**DRAM 650. Costume Production I: Couture Methods. 0.5-3 Credits.**

Advanced construction techniques in theatrical costuming with an emphasis on couture methods. This class requires permission of the instructor.

**Rules & Requirements**

**Requisites:** Prerequisite, DRAM 192.

**Grading Status:** Letter grade.

**DRAM 666. Media in Performance. 3 Credits.**

Required preparation, one performance studies course above COMM 400. Permission of the instructor for students lacking the required preparation. Project-based class where students acquire skills and critical approaches to create collaborative, professional, multimedia works.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** COMM 666.

**DRAM 667. Costume Design for the Body. 3 Credits.**

Study of proportions and the effects of corsetry and body padding to body proportions. This class requires permission of the instructor.

**Rules & Requirements**

**Requisites:** Prerequisite, DRAM 192 or permission of the instructor.

**Grading Status:** Letter grade.

**DRAM 691H. Honors Project in Dramatic Art. 3 Credits.**

Required preparation, 3.3 cumulative grade point average and permission of the department. The commencement of a special project (essay or creative endeavor), approved by the department, by a student who has been designated a candidate for undergraduate honors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**DRAM 692H. Honors Project in Dramatic Art. 3 Credits.**

Permission of the department. The completion of a special project by a student who has been designated a candidate for undergraduate honors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, DRAM 691H.

**Grading Status:** Letter grade.

**DRAM 697. Senior Seminar. 3 Credits.**

Close study of the interrelationships between theory and practice in contemporary world theatre, placing developments in their cultural contexts, and exploring current theatrical trends in an international framework.

**Rules & Requirements**

**Grading Status:** Letter grade.

## Contact Information

**Department of Dramatic Art**

Visit Program Website (<http://drama.unc.edu>)

Center for Dramatic Art, CB# 3230

(919) 962-1132

**Chair**

Kathy Williams

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**Director of Undergraduate Studies**

David Navalinsky

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## Dramatic Art Major, B.A.

The study of dramatic art focuses on dramatic texts of the classical and modern periods from across the globe and introduces the student to the variety of artistic endeavors necessary to realize the text in theatrical performance. Majors concentrate on the literature and history of the theatre while investigating the processes involved in acting, directing, design, costume, and technical production.

Courses focus on the connections between theatre and society, between theatrical performance and the visual arts, and between dramatic literature and philosophy, history, and other literary forms. The study of theatre embraces a range of subjects in the humanities and fine arts, including literature, language, aesthetics, culture, and performance.

### Student Learning Outcomes

Upon completion of the dramatic art program, students should be able to:




- Analyze a play through identification and evaluation of its dramatic structure, character, language, genre, action, and themes
- Demonstrate critical thinking skills and the ability to write cogently about creative, artistic process of theatre, its literature, and its history
- Recognize and comprehend the impact of culture, society, and language on drama
- Demonstrate proficiency in the basic skills of a particular area of dramatic practice (e.g., acting, direction, or design)
- Employ problem-solving skills in various aspects of theatrical production

### Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
DRAM 120	 Play Analysis <sup>1, H, F</sup>	3
Three courses in dramatic literature/theatre history/criticism:		9
DRAM 220	 Theatre Histories <sup>2</sup>	
And two courses chosen from:		
DRAM 281	 Theatre History and Literature I	
DRAM 282	 Theatre History and Literature II	
DRAM 283	 Theatre History and Literature III	
DRAM 284	Studies in Dramatic Theory and Criticism <sup>H</sup>	
DRAM 285	 Modern British Drama <sup>H</sup>	
DRAM 286	Modern Irish Drama	

DRAM 287	 African American Theatre	
DRAM 289	Contemporary Irish Drama <sup>H</sup>	
DRAM 291	Re-Playing Shakespeare in East Asia	
DRAM 292	 "Corner of the Sky": The American Musical	
DRAM 294	Arts Criticism	
DRAM 297	African American Women in Theatre	
DRAM 298	African Women in Theatre	
DRAM 486	 Latin American Theatre	
DRAM 488	 United States Latino/a Theatre	
DRAM 489	Carnivals and Festivals of the African Diaspora	
AAAD 334	Performing African American History	
AAAD 344	African American Theatre: Exploring Legacy and Contemporary Voices	
ASIA 163	 Hindi-Urdu Poetry in Performance	
ASIA 332	 The Story of Rama in India	
ASIA 382	 The Story of Rama in Indian Culture--Experiential	
ASIA 383	 The Mahabharata: Remembered and Reimagined--Experiential	
CHIN 361	 Chinese Traditional Theater	
Three foundational courses in acting, design, and directing:		
DRAM 150	 Beginning Acting for the Major	3
DRAM 277	 Introduction to Theatrical Design	3
DRAM 300	 Directing	3
One course in technical production or costume production:		
DRAM 191	 Technical Methods: Scenery	3
or DRAM 192	 Technical Methods: Costume	
Production Practicum:		
DRAM 193	 Production Practicum (with PlayMakers Repertory Company; transfer credit not allowed.) <sup>3</sup>	3
<b>Total Hours</b>		<b>27</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Students planning to major in dramatic art should complete DRAM 120 preferably during their first year as it is the pre-requisite for the rest of the major.

<sup>2</sup> DRAM 220 is the pre-requisite for the rest of the dramatic literature/theatre/history/criticism courses.

<sup>3</sup> This course fulfills the High Impact Gen Ed requirement in the IDEAs in Action curriculum and the experiential education Gen Ed requirement in the Making Connections curriculum.

The major provides a broad basis for understanding and appreciating theatre as a cultural entity and as an artistic process. The program also



provides opportunities for students to learn and develop basic skills in the various areas of theatre practice. All General Education requirements apply.

Because the College of Arts and Sciences allows a total of 45 credit hours (15 three-hour courses) in a student's major to count toward graduation, as many as six electives can be selected from the range of offerings in the department. Students may choose to concentrate on an area (or areas) of special interest within the major: acting, directing, voice, movement, technical production, design (scenic, costume, sound, and lighting), costume history, costume construction, dramatic literature and criticism, dramaturgy, stage management, theatre management, and playwriting.

Students majoring in dramatic art cannot pursue the minor in dramatic art.

## Special Opportunities in Dramatic Art

### Honors in Dramatic Art

In order to receive departmental honors, students must have a 3.3 overall grade point average, a 3.6 grade point average in dramatic art, and complete at least five of the eight core courses in the major by the end of the junior year. Students enroll in DRAM 691H (three hours credit) and DRAM 692H (three hours credit) during their senior year and complete a special project (essay or creative endeavor) approved by the department. A student may then be designated as a candidate for undergraduate honors or highest honors based on department review of the special project or performance.

### Departmental Involvement

Two undergraduate students are elected each year from among the majors to serve as representatives to the faculty. They attend faculty meetings and host events that bring students and faculty together.

### Performance/Production Opportunities

The Department of Dramatic Art's Kenan Theatre Company (KTC), offers many opportunities for interested students — majors and nonmajors alike — to participate in performance and production. Each year the department supports four full productions in the Elizabeth Price Kenan Theatre. Seasons may include classic plays, contemporary plays, musicals, and original works. The director of undergraduate production and a board of undergraduate students fill leadership roles within KTC and oversee the department season. Productions are directed by faculty or guest artists. Undergraduate students are involved in the technical components of production as designers, carpenters, painters, electricians, costumers, and sound engineers. The KTC board typically includes producers, a publicity team, prop supervisor, wardrobe supervisor, master electrician, and a technical director for the entire season. Designers are selected on a per-show basis and can include undergraduates, graduate students, and faculty members.

### PlayMakers Repertory Company

Named one of America's "best regional theaters" by American Theatre Magazine, PlayMakers Repertory Company is North Carolina's premiere professional theater company, located in the Joan H. Gillings Center for Dramatic Art. With reduced rate student ticket prices available for all shows, and unique opportunities to observe, work alongside and learn from professional theater artists throughout the year, PlayMakers serves as a hands-on research laboratory and educational resource to both undergraduate and graduate students. PlayMakers rehearsals are open to the entire UNC community, and company members strive to make

themselves available for student mentoring. Undergraduate performers are invited to audition for supporting and understudy roles in PlayMakers productions twice a year. Undergraduates can also contribute backstage, running crew for PlayMakers' shows, serving as assistant directors, stage managers or technicians alongside industry experts, or working as interns in the theatre's administrative offices. PlayMakers makes available to every UNC student the experience of working for an award-winning professional theatre.

### Study Abroad

With more than 300 programs available in 70 countries, there are many international experiences structured to enhance the student's undergraduate career. Major and minor credit is available as well as General Education credit. Departmental approval for theatre courses is arranged with the director of undergraduate studies and is coordinated by the Study Abroad Office.

Specific study abroad opportunities for dramatic art students include, but are not limited to, semester or yearlong exchange programs at Trinity College Dublin, the National University of Ireland in Galway, the University of Glasgow, and Queens University Belfast. Students can also spend the summer or a semester with programs at the London Academy of Music and Dramatic Art (LAMDA) and the Gaiety School of Acting, Dublin.

Students are also eligible for the Elizabeth Malone Roughton Study Abroad Scholarship, a scholarship awarded to a dramatic art student studying in Ireland for a semester and completing a theatre-related internship as part of the program, and for three Joan H. Gillings Study Abroad Scholarships for drama majors and minors completing a theatre-related program for either semester or year-long study abroad.

### Undergraduate Awards

Each spring the Department of Dramatic Art awards several monetary prizes to its undergraduate majors (and graduate students) who are continuing into the next academic year. The prizes have been endowed by generous alumni and friends, including Andy Griffith and George Grizzard. In addition, the Sam Selden Prize in Playwriting, the Wes Egan Award in Design, and the Lillian Chason Scholarship are awarded competitively each year.

### Undergraduate Research

Faculty and departmental advisors are available to help students define areas of interest, understand the existing knowledge base in a particular area, and develop a plan for meaningful undergraduate research. These goals can be realized through departmental independent study and honors research. See the director of undergraduate studies and the honors advisor for more information. Additional resources are available through the Office for Undergraduate Research (<https://our.unc.edu/>).

## Department Programs

### Major

- Dramatic Art Major, B.A. (p. 360)

### Minors

- Dramatic Art Minor (p. 362)
- Musical Theatre Performance Minor (p. 363)

### Graduate Program

- M.F.A. in Dramatic Art (<http://catalog.unc.edu/graduate/schools-departments/dramatic-art/>)

## Contact Information

### Department of Dramatic Art

Visit Program Website (<http://drama.unc.edu>)

Center for Dramatic Art, CB# 3230

(919) 962-1132

### Chair

Kathy Williams

khwillia@email.unc.edu

### Director of Undergraduate Studies

David Navalinsky

dbnav@email.unc.edu

## Dramatic Art Minor

The study of dramatic art focuses on dramatic texts of the classical and modern periods from across the globe and introduces the student to the variety of artistic endeavors necessary to realize the text in theatrical performance.

## Requirements

In addition to the program requirements listed below, students must:






- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor in dramatic art consists of four or five courses, depending on the concentration:

### Dramaturgy

Code	Title	Hours
<b>Core Requirements</b>		
DRAM 120	 Play Analysis <sup>H, F</sup>	3
DRAM 220	 Theatre Histories	3
Three courses chosen from:		9
DRAM 281	 Theatre History and Literature I	
DRAM 282	 Theatre History and Literature II	
DRAM 283	 Theatre History and Literature III	
DRAM 284	Studies in Dramatic Theory and Criticism <sup>H</sup>	
DRAM 285	 Modern British Drama <sup>H</sup>	
DRAM 287	 African American Theatre	
DRAM 288	 Theatre for Social Change	
DRAM 292	 "Corner of the Sky": The American Musical	
DRAM 294	Arts Criticism	
DRAM 486	 Latin American Theatre	
DRAM 488	 United States Latino/a Theatre	









AAAD 334	Performing African American History
AAAD 344	African American Theatre: Exploring Legacy and Contemporary Voices
ASIA 163	 Hindi-Urdu Poetry in Performance
ASIA 332	 The Story of Rama in India
ASIA 382	 The Story of Rama in Indian Culture—Experiential
ASIA 383	 The Mahabharata: Remembered and Reimagined—Experiential
CHIN 361	 Chinese Traditional Theater

**Total Hours** **15**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.


## Theatrical Design









Code	Title	Hours
<b>Core Requirements</b>		
DRAM 120	 Play Analysis <sup>H, F</sup>	3
DRAM 220	 Theatre Histories	3
Three courses chosen from:		9
DRAM 265	 Stage Makeup	
DRAM 277	 Introduction to Theatrical Design	
DRAM 465	 Sound Design	
DRAM 466	 Scene Design	
DRAM 467	 Costume Design I	
DRAM 468	 Lighting Design I	
DRAM 470	Survey of Costume History <sup>H</sup>	
DRAM 480	Period Styles for Production	
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.





<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Theatrical Production

Code	Title	Hours
<b>Core Requirements</b>		
DRAM 191	 Technical Methods: Scenery (related to area of concentration)	3

or DRAM 192	 Technical Methods: Costume	
Three courses chosen from:		9
DRAM 193	 Production Practicum	
DRAM 277	 Introduction to Theatrical Design	
DRAM 460	 Stage Management	
DRAM 465	 Sound Design	
DRAM 466	 Scene Design	
DRAM 467	 Costume Design I	
DRAM 468	 Lighting Design I	
DRAM 473	Costume Construction I (must register for 3 credit hours)	
DRAM 474	Costume Construction II (must register for 3 credit hours)	
DRAM 650	Costume Production I: Couture Methods	
<b>Total Hours</b>		<b>12</b>

## Theatre Management

Code	Title	Hours
<b>Core Requirements</b>		
DRAM 193	 Production Practicum (related to area of concentration)	3
DRAM 279	Introduction to Theatre Management	3
DRAM 491	Issues in Arts Management	3
DRAM 493	 Theatre Management	3
Students pursuing the theatre management concentration are strongly encouraged to complete a fifth elective course chosen from:		
ECON 101	 Introduction to Economics <sup>H, F</sup>	
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior	
BUSI 406	Marketing	
<b>Total Hours</b>		<b>12</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Department Programs

### Major

- Dramatic Art Major, B.A. (p. 360)

### Minors

- Dramatic Art Minor (p. 362)
- Musical Theatre Performance Minor (p. 363)

### Graduate Program

- M.F.A. in Dramatic Art (<http://catalog.unc.edu/graduate/schools-departments/dramatic-art/>)

## Contact Information

### Department of Dramatic Art

Visit Program Website (<http://drama.unc.edu>)

Center for Dramatic Art, CB# 3230  
(919) 962-1132

### Chair

Kathy Williams  
khwillia@email.unc.edu

### Director of Undergraduate Studies

David Navalinsky  
dbnav@email.unc.edu

## Musical Theatre Performance Minor

The minor in musical theatre performance, a joint program in the Department of Music and the Department of Dramatic Art, provides students with opportunities to improve their abilities in musical theatre performance. The minor has three components including acting literacy, music literacy, and movement literacy.

Students will have ample opportunity for performance experience through the department's and student group productions.

The minor has three tracks, depending on the student's major status:

1. Music track (taken by students pursuing the dramatic art major or music majors in instruments other than voice)
2. Dramatic track (taken by students pursuing the music major)
3. Hybrid track (taken by students pursuing a double major in dramatic art and music, or by students majoring in other disciplines)

Departmental advising is available for students with questions about course and program expectation and opportunities, both on campus and in the professional world.



In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor requires 15 credit hours. Students can pursue one of three tracks.

### Music Track



Code	Title	Hours
<b>Core Requirements</b>		
DRAM/MUSC 151	 Introduction to the American Stage Musical	3
At least 4 hours in Music Literacy:		4
MUSC 102	Individual Voice Lessons	
MUSC 111	Group Lessons in Voice	
MUSC 121	 Fundamentals of Tonal Music I	

MUSC 202	Advanced Individual Lessons in Voice <sup>H</sup>	
At least 4 hours in Movement Literacy:		4
PHYA 208	Beginning Ballet	
PHYA 212	Introduction to Dance Technique	
PHYA 224	Beginning Modern Dance	
PHYA 308	Intermediate Ballet	
PHYA 324	Intermediate Modern Dance	
PHYA 408	Advanced Ballet	
DRAM 154	Performers' Awareness	
DRAM 155	Movement for the Actor	
The remaining 4 hours can come from either list above or from the Acting Literacy list below:		4
DRAM 144	Acting the Song	
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


Students in the music track may not also pursue the music major (B.A., B.Mus) in voice or the music minor.



## Dramatic Track

Code	Title	Hours
<b>Core Requirements</b>		
DRAM/MUSC 151	 Introduction to the American Stage Musical <sup>H</sup>	3
At least 4 hours in Acting Literacy:		4
DRAM 135	 Acting for Nonmajors	
DRAM 140	Voice Training I	
DRAM 144	Acting the Song	
At least 4 hours in Movement Literacy:		4
PHYA 208	Beginning Ballet	
PHYA 212	Introduction to Dance Technique	
PHYA 224	Beginning Modern Dance	
PHYA 308	Intermediate Ballet	
PHYA 324	Intermediate Modern Dance	
PHYA 408	Advanced Ballet	
DRAM 154	Performers' Awareness	
DRAM 155	Movement for the Actor	
The remaining 4 hours can come from either list above		4
<b>Total Hours</b>		<b>15</b>

Students in the dramatic track may not also pursue the dramatic art major or minor.

## Hybrid Track

Code	Title	Hours
<b>Core Requirements</b>		
DRAM/MUSC 151	 Introduction to the American Stage Musical <sup>H</sup>	3
Any combination of courses from the Music, Acting, and Movement Literacy lists (see below):		12
<b>Music Literacy</b>		
MUSC 102	Individual Voice Lessons	
MUSC 111	Group Lessons in Voice	

MUSC 121	 Fundamentals of Tonal Music I	
MUSC 202	Advanced Individual Lessons in Voice <sup>H</sup>	
Acting Literacy		
DRAM 135	 Acting for Nonmajors	
DRAM 140	Voice Training I	
DRAM 144	Acting the Song	
Movement Literacy		
PHYA 208	Beginning Ballet	
PHYA 212	Introduction to Dance Technique	
PHYA 224	Beginning Modern Dance	
PHYA 308	Intermediate Ballet	
PHYA 324	Intermediate Modern Dance	
PHYA 408	Advanced Ballet	
DRAM 154	Performers' Awareness	
DRAM 155	Movement for the Actor	
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Students pursuing both the dramatic art and music major (double majors) should follow the hybrid track.

## Department Programs

### Majors

- Music Major, B.A. (p. 720)
- Music Major, Bachelor of Music (B.Mus.) (p. 724)

### Minor

- Music Minor (p. 729)
- Musical Theatre Performance Minor (p. 363)

### Graduate Programs

- M.A. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)

## Contact Information

### Department of Music

Visit Program Website (<http://music.unc.edu>)  
Hill Hall, CB# 3320  
(919) 962-1039

### Faculty Advisor (Music)

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lalain@email.unc.edu

### Faculty Advisor (Dramatic Art)

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### Chair

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# Writing for the Screen and Stage Minor

The minor in writing for the screen and stage is a two-year interdisciplinary program housed in the Department of Communication that offers undergraduates from all departments the unique opportunity to focus specifically on the craft of dramatic writing. The minor is designed for students considering writing careers in theater, film, and television.



## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Candidates must be first-year or sophomore students with a 2.4 grade point average or better to begin the minor and must have taken one of the following prerequisite courses.

Code	Title	Hours
<b>Prerequisite (select one):</b>		
COMM 330	Introduction to Writing for Film and Television <sup>1</sup>	3
DRAM 231	Playwriting I <sup>2</sup>	3
ENGL 130	 Introduction to Fiction Writing <sup>3</sup>	3
ENGL 132H	 First-Year Honors: Introduction to Fiction Writing <sup>4</sup>	3

<sup>1</sup> Preference given to communication studies majors.



<sup>2</sup> Requires permission from the department.

<sup>3</sup> Open to all students.

<sup>4</sup> Restricted to honor students.

The prerequisite may be waived with the approval of the director of the minor.

An application is required for acceptance; please visit the Writing for Screen and Stage Minor's Web site (<http://comm.unc.edu/undergraduate-studies/writing-for-the-screen-and-stage-minor/>) to review this process. Continued participation in the minor is based on the student's work and the recommendation of the program's instructors.

Code	Title	Hours
<b>Core Requirements <sup>1</sup></b>		
COMM/DRAM 131	Writing for the Screen and Stage <sup>2</sup>	3
COMM 430	 History of American Screenwriting	3
COMM 433	Intermediate Screenwriting <sup>2</sup>	3
COMM 537	Master Screenwriting <sup>2</sup>	3
DRAM 120	 Play Analysis <sup>H, F</sup>	3
<b>Total Hours</b>		<b>15</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.



<sup>1</sup> Students must achieve a C grade or better in core requirements.

<sup>2</sup> COMM 131/DRAM 131, COMM 433, and COMM 537 must be taken in consecutive semesters beginning with the first semester of the minor.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

The following sequence of courses is recommended:

Code	Title	Hours
<b>Junior (or Sophomore) Year Fall Semester</b>		
COMM/DRAM 131	Writing for the Screen and Stage	3
DRAM 120	 Play Analysis <sup>H, F</sup>	3
<b>Junior (or Sophomore) Year Spring Semester</b>		
COMM 430	 History of American Screenwriting	3
COMM 433	Intermediate Screenwriting	3



**Senior (or Junior) Year Fall Semester**

COMM 537	Master Screenwriting	3
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H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

The following courses are recommended but are not required to complete the minor:

Code	Title	Hours
COMM 334	Writing the One-Hour TV Drama	3
COMM 335	 Film Story Analysis	3
COMM 535	Introduction to Screen Adaptation	3
DRAM 135	 Acting for Nonmajors	3
COMM 390	Special Topics in Communication Study (Writing the Full-Length Play)	3
COMM 390	Special Topics in Communication Study (Visual Storytelling)	3
COMM 390	Special Topics in Communication Study (Screenwriting: The Rewrite)	3

See the program pages in Communication (p. 333), Dramatic Art (p. 361), and English and Comparative Literature (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunitiestext>) for special opportunities.

## Department Programs

### Majors

- Communication Studies Major, B.A. (p. 329)
- Interdisciplinary Studies Major, B.A. – Cultural Studies (p. 334)

### Minor

- Writing for the Screen and Stage Minor (p. 335)

### Graduate Programs

- Ph.D. in Communication Studies (<http://catalog.unc.edu/graduate/schools-departments/communication/>)

## Contact Information

### Department of Communication

Visit Program Website (<http://comm.unc.edu>)

CB 3285, 308 Bynum Hall, 222 East Cameron Ave., Chapel Hill, N.C. 27599  
(919) 962-2311

### Interim Director

Micheal Acosta  
[acosta@unc.edu](mailto:acosta@unc.edu)

### Chair

Avi Santo

[asanto@unc.edu](mailto:asanto@unc.edu)

### Director of Undergraduate Studies

Steve May  
[skmay@email.unc.edu](mailto:skmay@email.unc.edu)

## Department of Earth, Marine, and Environmental Sciences

### Introduction

The Department of Earth, Marine, and Environmental Sciences (EMES) launched in 2021–2022, combining the departments of Geological Sciences (GEOL) and Marine Sciences (MASC) with the Institute for Marine Sciences (IMS). The new department provides instruction and conducts research into the physical, chemical, and biologic processes that operate within the Earth and its oceans. Research seeks to understand how the dynamic interplay among these processes shape the Earth's surface, govern environmental change, generate natural hazards, supply energy and resources, and sustain life. The department has a strong tradition of undergraduate students conducting independent and guided research as part of their training.

### Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's directors of undergraduate studies work with current and prospective majors by appointment. Departmental academic advising is particularly important for those majors who are considering continuing graduate education. Further information on courses, undergraduate research opportunities, the honors program, career opportunities, and graduate schools may be obtained from the department's website. Prospective students in the department are encouraged to meet with one of the directors of undergraduate studies.

### Facilities

The department maintains laboratory facilities, many of which are available for undergraduate students to use in research and classroom learning. These include several mass spectrometers for isotopic, geochronology, and geochemical research, a scanning electron microscope, x-ray fluorescence and diffractometers, geophysical and seismic imaging facilities, and a paleoclimate laboratory. Research laboratories are equipped for studies in all aspects of marine sciences – physical, chemical, and biologic. In addition, the Institute for Marine Sciences, located in Morehead City, N.C., houses laboratory buildings with dock and ocean access. The institute operates a modern 48-foot coastal vessel, the R.V. Capricorn, as well as a fleet of outboard-powered boats.

## Graduate School and Career Opportunities

In the earth sciences, geologists are employed in the commercial/ industrial, educational, and governmental sectors. Graduates may find employment in private industry and consulting firms, including hydrology, environmental geology, engineering geology, the energy industry, and/ or resource extraction. Job opportunities exist within both state and federal geologic and environmental agencies. Many positions prefer

some graduate training at the master's level, and a doctoral degree is typically required for employment in higher education.

In the marine sciences, graduates often seek postgraduate training to develop expertise in a field of particular interest.

#### Majors

- Geological Sciences Major, B.A.–Earth Science (p. 380)
- Earth and Marine Sciences Major, B.S. (p. 378)

#### Minors

- Environmental Microbiology Minor (p. 382)
- Geological Sciences Minor (p. 384)
- Marine Sciences Minor (p. 384)

#### Graduate Programs

- M.S. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
- M.S. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences/>)
- Ph.D. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
- Ph.D. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences/>) (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)

## Distinguished Professors

Christopher S. Martens, Richard A. Luettich, Brent A. McKee, Rachel Noble, Hans Pearl.

## Professors

Carol Arnosti, John M. Bane Jr., Jaye E. Cable, Drew S. Coleman, Joel Fodrie, Eric Kirby, Jonathan Lees, Niels Lindquist, Richard A. Luettich, Laura Moore, Rachel Noble, Janet Nye, Tamlin M. Pavelsky, Michael Piehler, Antonio Rodriguez, Harvey Seim, Donna Surge, Andreas Teske.

## Associate Professors

Marc J. Alperin, Karl Castillo, F. Joel Fodrie, Scott Gifford, Xiaoming Liu, Adrian Marchetti, Johanna Rosman, Alicia Septer, Kevin G. Stewart, Brian L. White.

## Assistant Professors

Wei Mei, Antonia Sebastian.

## Adjunct Professors

Frederick Bingham (UNC–Wilmington), Alan Boudreau, Carolyn Currin (National Oceanic and Atmospheric Administration Lab, Beaufort, N.C.), Stephen Fegley (UNC Institute of Marine Sciences), Jeffrey Hanson (Waveforce), Mandy Joye (University of Georgia), R. Wayne Litaker (National Oceanic and Atmospheric Administration Lab, Beaufort, N.C.), Kenneth J. Lohmann (Biology), Stephen A. Skrabal (UNC–Wilmington), Jill Stewart (Environmental Sciences and Engineering), William Sunda (National Oceanic and Atmospheric Administration Lab, Beaufort, NC, retired), Patricia Tester (National Oceanic and Atmospheric Administration Lab, Beaufort, N.C.).

## Adjunct Assistant Professor

Julia Barzyk.

## Research Professor

Michael Shore.

## Research Assistant Professors

Nathan Hall, Ryan D. Mills.

## Teaching Assistant Professors

Michelle Haskin, Joel Hudley, Megan Plenge.

## Professors Emeriti

Dan Albert, Larry K. Benninger, Paul D. Fullagar, Allen F. Glazner, Brigitte Kohlmeier, Jan J. Kohlmeier, Charles H. Peterson, Daniel Textoris.

## Courses

### EMES–Earth, Marine, and Environmental Sciences Undergraduate-level Courses

#### EMES 51. First-Year Seminar: Global Warming: Science, Social Impacts, Solutions. 3 Credits.

Students will examine evidence that human activity has caused global warming, investigate scientists' ability to predict climate change, and discuss the political and social dimensions of global climate change. Course previously offered as MASC 51.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** PL, QI.

**Grading Status:** Letter grade.

#### EMES 52. First-Year Seminar: Living with Our Oceans and Atmosphere. 3 Credits.

Modern theories of changing weather, severe weather events, oceanic hazards, interactions between the oceans and atmosphere, and changes that are linked to human activity. Course previously offered as MASC 52.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

#### EMES 53. First-Year Seminar: The Ends of the Earth: Polar Oceanography and Exploration. 3 Credits.

What explains the "pull of the poles"? This seminar combines a modern survey of polar oceanography with historical views of early polar explorations, as reported by the explorers themselves. Course previously offered as MASC 53.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.


**Making Connections Gen Ed:** PL.


**Grading Status:** Letter grade.

 **EMES 55. First-Year Seminar: Change in the Coastal Ocean. 3 Credits.**

This course provides an opportunity to explore changes in marine and closely linked terrestrial environments caused by the interactions of fascinating oceanographic processes. Introductory presentations and discussions will focus on published works of active marine scientists who combine disciplinary training with knowledge and skills from other fields. Course previously offered as MASC 55.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PL.  
**Grading Status:** Letter grade.

 **EMES 59. First-Year Seminar: Extreme Microorganisms: Pushing the Limits of Life on Earth and Beyond. 3 Credits.**

This seminar focuses on some of the most extreme microorganisms on the planet, microorganisms that thrive without oxygen, under high temperatures (e.g., in pressurized water above the boiling point), and under chemical stress factors (high sulfide and heavy metal concentrations) that were once thought to be incompatible with life. Course previously offered as MASC 59.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PL.  
**Grading Status:** Letter grade.

 **EMES 68. First-Year Seminar: Soundscape of Our Planet. 3 Credits.**

This seminar explores acoustic waves in the Earth's environment including ambient biological, physical, and human communication with an emphasis on observation and laboratory analysis. Course previously offered as GEOL 68.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

 **EMES 72H. First-Year Seminar: Field Geology of Eastern California. 3 Credits.**

This seminar provides a hands-on introduction to active geologic and environmental processes in eastern California, including active volcanoes, earthquake-producing faults, and extreme climate change. Course previously offered as GEOL 72H.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PL, EE- Field Work, EE- Mentored Research.  
**Grading Status:** Letter grade.

 **EMES 76. First-Year Seminar: Energy Resources for a Hungry Planet. 3 Credits.**

Discussions are centered on the most pressing issues of our time: environmental deterioration and construction of a sustainable (livable) world during and after the depletion of traditional energy resources. Course previously offered as GEOL 76.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PL.  
**Grading Status:** Letter grade.

 **EMES 77. First-Year Seminar: Volcanoes and Civilization: An Uneasy Coexistence. 3 Credits.**

Volcanoes provide a breathable atmosphere, a habitable climate, and precious ores, but they have the potential to destroy civilization. This seminar will explore the uneasy coexistence of volcanoes and civilization. Course previously offered as GEOL 77.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PL.  
**Grading Status:** Letter grade.

 **EMES 79. First-Year Seminar: Coasts in Crisis. 3 Credits.**

An investigation of the geologic evolution and function of coastal environments, the recent effects of coastal development and engineering, and an examination of existing coastal management strategies and the tensions between coastal development and the desire to preserve natural environments. Course previously offered as GEOL 79.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PL.  
**Grading Status:** Letter grade.

 **EMES 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Course previously offered as GEOL 89.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

 **EMES 101. Planet Earth. 3 Credits.**

Major geologic events: earthquakes, volcanic activity, mountain formation, plate tectonics, and erosion. Landscape development by glaciers, streams and groundwater, ocean currents and waves, wind. Optional laboratory: EMES 101L. PX credit for EMES 101+101L. Course previously offered as GEOL 101.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI.  
**Making Connections Gen Ed:** PX.  
**Grading Status:** Letter grade.

 **EMES 101L. Planet Earth Laboratory. 1 Credits.**

Study of common minerals and rocks. Use of topographic and geologic maps to illustrate geologic processes. Two laboratory hours a week. Course previously offered as GEOL 101L.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.  
**Requisites:** Pre- or corequisite, EMES 101, 200, or 201.  
**Grading Status:** Letter grade.



 **EMES 103. The Marine Environment. 3 Credits.**

Introduction to marine sciences emphasizing physical, chemical, biological, and geological phenomenon in oceanic and coastal environments. Human use of, and impact on, marine resources. Science majors should take EMES 401. Students may not receive credit for both EMES 103 and EMES 401. Course previously offered as GEOL 103/MASC 101.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-NATSCI.**Making Connections Gen Ed:** PL.**Grading Status:** Letter grade. **EMES 103L. The Marine Environment Laboratory. 1 Credits.**

Laboratory exercises aimed at investigating the marine environment including physical, chemical, and biological processes. Two laboratory hours per week. Students must also enroll in the EMES 103 lecture. Course previously offered as MASC 101L.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-LAB.**Making Connections Gen Ed:** PX.**Requisites:** Corequisite, EMES 103.**Grading Status:** Letter grade. **EMES 105. Natural Disasters: Hollywood versus Reality. 4 Credits.**

Natural hazards arise from a suite of dynamic processes that operate within the Earth and along its surface. How individuals and communities prepare for and respond to natural disasters is strongly influenced by our perception of the risk associated with these processes. This course investigates a range of natural hazards, using the popular media as a starting point for analyses and discussions of the causes of disasters.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-NATSCI, FC-LAB.**Grading Status:** Letter grade.**EMES 108. Climate and Energy Transitions: Understanding the Forecasts. 4 Credits.**

This course examines uncertainties in projecting future fossil fuel consumption and impact on global climate by quantifying how effectively alternative power-generation and energy-storage technologies can scale to meet needs in developing and developed nations, and by understanding past and present climates. Course previously offered as GEOL 108/MASC 108.

**Rules & Requirements****Making Connections Gen Ed:** PX, GL.**Grading Status:** Letter grade.**Same as:** PHYS 108.**EMES 190. Special Topics in Earth, Marine, and Environmental Sciences at an Introductory Level. 3 Credits.**

An undergraduate seminar course that is designed to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline in earth, marine and environmental sciences. Course previously offered as GEOL 190.

**Rules & Requirements****Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.**Grading Status:** Letter grade. **EMES 200. The Solid Earth. 3 Credits.**


An introduction to the solid earth for students continuing in EMES and other sciences. Topics include synthesis of the elements, formation of the solar system and earth, plate tectonics, earth materials, internal energy, magnetism, geochemical cycles, and earth resources. Course previously offered as GEOL 200.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-NATSCI.**Making Connections Gen Ed:** PL.**Grading Status:** Letter grade. **EMES 201. Earth's Surface: Processes, Landforms, and History. 3 Credits.**

This course focuses on the biological, chemical, and physical processes that shape the surface of the earth. Major points of emphasis will include earth's climate, the global water cycle, geomorphic processes and the landforms they create, sedimentology and depositional environments, and elements of earth history recorded by earth surface processes. Course previously offered as GEOL 201.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-NATSCI.**Making Connections Gen Ed:** PL.**Grading Status:** Letter grade. **EMES 203. Data Analysis for Earth, Marine, and Environmental Sciences. 3 Credits.**

Introduction to the analysis, manipulation, presentation and interpretation of data, with a focus on Earth and marine sciences, environmental sciences, ecology, and geography.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-QUANT.**Making Connections Gen Ed:** QI.**Grading Status:** Letter grade. **EMES 204. The Microbial World: Foundations in Structure, Metabolism, and Ecology. 3 Credits.**

This course will provide a basic introduction to microbiology and microbial ecology and evolution, covering topics such as cell structure, energetics, genomics, evolution and gene flow, ecological interactions, population and community dynamics, and biogeochemical cycling.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-NATSCI.**Requisites:** Prerequisite, BIOL 103.**Grading Status:** Letter grade.**Same as:** BIOL 204.**EMES 220. North Carolina Estuaries: Environmental Processes and Problems. 3 Credits.**

Natural processes and human impacts on estuarine systems using the Neuse River estuary as a case study. Course includes one week of intensive field work based at the Institute of Marine Sciences. A student may not receive credit for this course after receiving credit for ENEC 222. Course previously offered as MASC 220.

**Rules & Requirements****Making Connections Gen Ed:** PX, EE- Field Work.**Grading Status:** Letter grade.**Same as:** ENEC 220.

**EMES 221. Geology of North America. 3 Credits.**

Required preparation, one geology course numbered below EMES 202. General introduction to the geologic evolution of North America through intensive study of a particular region. Includes mandatory Spring Break field trip. Course previously offered as GEOL 221.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**EMES 301. Earth Materials: Minerals. 4 Credits.**

Minerals in sedimentary, igneous, and metamorphic environments: their properties, occurrence, and uses. Methods of identifying minerals, including use of optical properties. Three lecture and three laboratory hours a week. Course previously offered as GEOL 301.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 101 or EMES 200 or any EMES FYS; Pre- or corequisite, CHEM 101; permission of the instructor for students lacking the pre- or corequisite.

**Grading Status:** Letter grade.

**EMES 302. Structural Geology. 4 Credits.**

Introduction to the mechanical behavior and dynamic evolution of the earth's crust through the study of deformed rocks. Course previously offered as GEOL 302.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 101 or 200.

**Grading Status:** Letter grade.

**EMES 303. Sedimentology and Stratigraphy. 4 Credits.**

Introduction of principles involved in description and classification of sedimentary rocks and stratigraphic units as well as stratigraphic correlation. Students will be introduced to relationships of processes, depositional environments, and sedimentary facies. Course previously offered as GEOL 303.

**Rules & Requirements**

**Requisites:** Prerequisites, EMES 200 and 201; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**EMES 304. Petrology and Plate Tectonics. 4 Credits.**

Studies of the origin and evolution of igneous and metamorphic rocks, including microscopic, X-ray, and field methods; volcanology; plate-tectonic interpretation of rock sequences. Three lecture and three laboratory hours a week. Course previously offered as GEOL 304.

**Rules & Requirements**

**Requisites:** Prerequisites, EMES 200 and 301; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**EMES 305. Planetary Geology: Meteorites and Asteroids. 3 Credits.**

Required preparation, one introductory geology course numbered below EMES 202, except first-year seminar. Effects and probable effects of meteorite and asteroid impacts on earth and other planets: craters, new meteorites, and tektites; giant sea waves; reduction of species and extinction of organisms. Course previously offered as GEOL 204/GEOL 305.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Pre- or corequisite, CHEM 101.

**Grading Status:** Letter grade.

 **EMES 306. Earth Systems History. 3 Credits.**

Required preparation, one introductory EMES course numbered below 204, except first-year seminar. History of the earth (including its oceans, atmosphere, and life forms) as deciphered from the geologic record. Birth of continents/oceans; evolution and extinction of life forms; the changing global environment. Course previously offered as GEOL 202.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, EMES 101, 200 or 201.

**Grading Status:** Letter grade.

**EMES 310. Coastal Environmental Change. 3 Credits.**

An exploration of the large-scale evolution of coastal environments, including relevance of geologic setting, wave and sediment transport processes, the evolution of beach and barrier island morphology, and issues of coastal environmental management. Course previously offered as GEOL 310/MASC 316.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 101 or EMES 103 or EMES 401; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ENEC 310.

 **EMES 314. Earth Systems in a Changing World. 3 Credits.**

This course presents an integrated view of our planet, how it evolved during the past, why it has changed (and continues to change), and what makes Earth a habitable planet. Course previously offered as MASC 314.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Grading Status:** Letter grade.

**EMES 320. Marine Life in a Fluid World. 3 Credits.**

This course examines how the functioning of marine organisms and ecosystems is impacted by water motion. Hydrodynamic forces as applied to locomotion and disturbance. Advective and diffusive transport as applied to nutrient supply and acquisition, larval transport, phytoplankton dynamics. The role of ocean circulation in establishing environmental conditions and distributions of organisms. Covers processes from the microscale to the ocean basin scale.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 114 or 118, and MATH 231; Pre- or corequisite, Math 232.

**Grading Status:** Letter grade.

 **EMES 324. Water in Our World: Introduction to Hydrologic Science and Environmental Problems. 3 Credits.**

This introductory course will cover two broad themes: the physical processes of the hydrologic cycle and how human use (and abuse) of freshwater resources can lead to major environmental problems. PX credit for ENEC/EMES 324 + 324L. PL credit for ENEC/EMES 324. Course previously offered as GEOL 324.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

**Same as:** ENEC 324.

 **EMES 324L. Water in Our World Laboratory. 1 Credits.**


Students will conduct laboratory and field experiments to reinforce the topics covered in ENEC/GEOL 324. PX credit for ENEC/EMES 324 + 324L. Course previously offered as GEOL 324L.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-LAB.**Requisites:** Pre- or corequisite, ENEC/GEOL 324.**Grading Status:** Letter grade.**Same as:** ENEC 324L.**EMES 352. Marine Fisheries Ecology. 3 Credits.**

Gives students a foundation in population biology and the ecological processes that influence populations of economically important fish and shellfish. Students will gain practical quantitative skills including statistical analyses, model development, and data visualization. Familiarity with introductory statistics concepts is preferred but not necessary.

**Rules & Requirements****Requisites:** Prerequisite, EMES 103, 401, or ENEC 202.**Grading Status:** Letter grade.**Same as:** ENEC 352.**EMES 390. Special Topics in Earth, Marine, and Environmental Sciences. 1-4 Credits.**

Topics and instructors vary from semester to semester. Course may be repeated. Course previously offered as GEOL 390/GEOL 390H. Permission of the department. Honors version available.

**Rules & Requirements****Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.**Grading Status:** Letter grade. **EMES 395. Undergraduate Research in Earth, Marine, and Environmental Sciences. 1-3 Credits.**

Directed readings with laboratory study on a selected topic. Course previously offered as MASC 395. Permission of a faculty research director.

**Rules & Requirements** **IDEAs in Action Gen Ed:** RESEARCH.**Making Connections Gen Ed:** EE- Mentored Research.**Repeat Rules:** May be repeated for credit. 8 total credits. 8 total completions.**Grading Status:** Letter grade.**EMES 396. Independent Study in Earth, Marine, and Environmental Sciences. 1-4 Credits.**

Independent study under the supervision of a selected instructor. Learning contract required. May be repeated up to four times for a maximum of 12 credits. Course previously offered as GEOL 396. Permission of the instructor.

**Rules & Requirements****Repeat Rules:** May be repeated for credit. 12 total credits. 12 total completions.**Grading Status:** Letter grade.**Advanced Undergraduate and Graduate-level Courses****EMES 401. Oceanography. 3 Credits.**

Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see EMES 103. Students may not receive credit for both EMES 103 and EMES 401. Course previously offered as GEOL 403/MASC 401.

**Rules & Requirements****Grading Status:** Letter grade.**Same as:** BIOL 350, ENVR 417. **EMES 405. Geochemistry. 3 Credits.**

Required preparation, one introductory geology course. Introduction to the application of chemical principles to geological problems. Topics include thermodynamics, kinetics, and isotope geochemistry. Course previously offered as GEOL 405/MASC 455.

**Rules & Requirements** **IDEAs in Action Gen Ed:** RESEARCH.**Requisites:** Prerequisite, EMES 101 or EMES 200 or EMES 201.**Grading Status:** Letter grade.**EMES 406. Introduction to Geophysics. 3 Credits.**

Introduction to the fundamentals of global geophysics: gravity, seismology, magnetism, heat, and plate tectonics. Both shallow and deep processes are considered. Emphasis is aimed at problem solving by applying concepts. Course previously offered as GEOL 406.

**Rules & Requirements****Requisites:** Prerequisites, PHYS 114 or 118, and either PHYS 115 or 119.**Grading Status:** Letter grade.**EMES 410. Earth Processes in Environmental Systems. 4 Credits.**

Principles of geological and related Earth systems sciences are applied to analyses of environmental phenomena. The link between the lithosphere and other environmental compartments is explored through case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Rules & Requirements****Requisites:** Prerequisites, CHEM 102, GEOL 200, and MATH 231; and PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.**Grading Status:** Letter grade.**Same as:** ENEC 410.**EMES 411. Oceanic Processes in Environmental Systems. 4 Credits.**

Principles of analysis of the ocean, coast, and estuarine environments and the processes that control these environments are applied to the analysis of environmental phenomena. Case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Rules & Requirements****Requisites:** Prerequisite, BIOL 101, CHEM 102, ENEC 222, MATH 231, PHYS 115 or PHYS 119; permission of the instructor for students lacking the prerequisites.**Grading Status:** Letter grade.**Same as:** ENEC 411.

**EMES 412. Principles and Methods of Teaching Earth Science. 4 Credits.**

Required preparation, any introductory geology course. This course develops the knowledge and skills teachers need to implement inquiry-based earth science instruction: conceptual knowledge of earth sciences and mastery of inquiry instructional methods. Students study inquiry in cognitive science and learning theory. This course is a requirement for the UNC-BEST program in geological sciences. Course previously offered as GEOL 412.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**Same as:** ENEC 412.

**EMES 414. Flood Hydrology: Models and Data Analysis. 3 Credits.**

River floods are critically important in the global hydrologic cycle. While seasonal floods can be environmentally restorative, they can also have devastating socio-economic and public health consequences. Beginning with the hydrologic cycle, this course will cover concepts related to rainfall runoff and hydrologic response, flood frequency analysis, the mechanics of open channel flow, and overland and channel routing. Students will also gain experience working with real-world data and engineering software. Previously offered as GEOL 514.

**Rules & Requirements**

**Requisites:** Prerequisites, EMES 201, EMES 324, MATH 232, and PHYS 114 or 118; or permission of instructor for students missing prerequisites or graduate students.

**Grading Status:** Letter grade.

**Same as:** ENEC 514.

**EMES 415. Environmental Systems Modeling. 3 Credits.**

This course explores principles and strategies for studying environmental phenomena, and presents methods for developing explanatory and predictive models of environmental systems, e.g., predator-prey, estuaries, greenhouse gases, and ecosystem material cycles.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 383; pre- or corequisite, PHYS 115 or 118, and COMP 116.

**Grading Status:** Letter grade.

**Same as:** ENEC 415.

**EMES 417. Surface Processes and Landscape Evolution. 4 Credits.**

Earth surface processes and landscape evolution. Previously offered as GEOL 417.

**Rules & Requirements**

**Requisites:** Prerequisites, EMES 201 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** ENEC 417.

**EMES 421. Archaeological Geology. 3 Credits.**

The application of geological principles and techniques to the solution of archaeological problems. Studies geological processes and deposits pertinent to archaeological sites, geologic framework of archaeology in the southeastern United States, and techniques of archaeological geology. Field trips to three or more sites; written reports required. Course previously offered as GEOL 421. Permission of the instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** ANTH 421.

**EMES 422. Physics of the Earth's Interior. 3 Credits.**

Origin of the solar system: the nebular hypothesis. Evolution of the earth and its accretionary history. Earthquakes: plate tectonics and the interior of the earth. The earth's magnetic field. Mantle convection.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 383, and either PHYS 201 and 211 or 311 and 401.

**Grading Status:** Letter grade.

**Same as:** PHYS 422.

**EMES 425. Introduction to Field Geology. 3 Credits.**

Introduction to geologic field methods. Includes making observations, mapping, identification of structures and features, and interpretation to solve basic geologic problems. Many field trips. Course previously offered as GEOL 425.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, GEOL 200 and 201; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**EMES 431. Major World Rivers and Global Change: From Mountains to the Sea. 3 Credits.**

What are the linkages between rivers and global change? This course examines the hydrological, geological and biogeochemical processes that control material flux from land to the oceans via rivers. Course previously offered as MASC 432.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EMES 432. Paleoclimatology. 3 Credits.**

Introduction to mechanisms that drive climate. Examination of past climate reconstructions using ecological and geochemical proxies. Utility of computer models to reconstruct past climates and predict future climate change. Emphasis placed on late Quaternary. Course previously offered as GEOL 432.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 303 or 306; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**EMES 433. Wetland Hydrology. 3 Credits.**

Study of wetland ecosystems with particular emphasis on hydrological functioning, the transition from terrestrial to aquatic systems, wetlands as filtration systems, and exchange between wetlands and other environments. Course previously offered as MASC 433.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 433.

**EMES 434. Blue Carbon and Coastal Environments. 3 Credits.**

Readings and discussions about processes in traditional "Blue Carbon" environments (marshes, sea grass beds, and mangroves) and an exploration of carbon burial in other coastal ecosystems such as floodplains and oyster reefs. Course previously offered as MASC 434. Permission of the instructor is required.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EMES 435. Principles of Environmental Consulting: Mechanics of Groundwater Flow. 3 Credits.**

Water is an essential resource for all life, and the availability of clean water will become one of the most important socio-political and economic discussions over the coming decades. This course covers fundamentals of groundwater storage, subsurface flow, and contaminant transport, emphasizing the role of groundwater in the hydrologic cycle, the relation of groundwater flow to geologic structure, and the management of contaminated groundwater and drinking water resources. Course previously offered as GEOL 435.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, EMES 324; MATH 232; PHYS 114 or 118; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** ENEC 435.

**EMES 436. Geochemistry of Natural Waters. 3 Credits.**

Required preparation, one introductory geology course. Survey of processes affecting the compositions of streams, lakes, the ocean, and shallow ground waters. Course previously offered as GEOL 436.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, CHEM 102 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**EMES 438. Principles of Seismology. 3 Credits.**

Descriptive account of global seismology, earthquake distribution, and focal mechanics. Principles of geometrical optics and applications to imaging the earth's interior. Principles of seismic prospecting of hydrocarbon and geothermal reservoirs. Course previously offered as GEOL 440.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 200, 302; MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**EMES 441. Marine Physiological Ecology. 3 Credits.**

This course introduces students to the physiological, morphological, and behavioral factors employed by marine organisms to cope with their physical environment. Emphasis will be placed on the response of marine organisms to environmental factors such as seawater temperature, light, water salinity, ocean acidification, etc. Course previously offered as MASC 441.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 441.

**EMES 442. Marine Biology. 3 Credits.**

Recommended preparation, BIOL 201 or 475. A survey of plants and animals that live in the sea: characteristics of marine habitats, organisms, and the ecosystems will be emphasized. Marine environment, the organisms involved, and the ecological systems that sustain them. Course previously offered as MASC 442.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** BIOL 457.

**EMES 443. Marine Microbiology. 3 Credits.**

Seminar class focuses on the primary research literature. Physiology of marine microorganisms, microbial diversity and ecology of the marine environment, biogeochemical processes catalyzed by marine microorganisms. Course previously offered as MASC 443. Restricted to junior or senior science majors or graduate students, with permission of the instructor.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**EMES 444. Marine Phytoplankton. 3 Credits.**

For junior and senior science majors or graduate students. Biology of marine photosynthetic protists and cyanobacteria. Phytoplankton evolution, biodiversity, structure, function, biogeochemical cycles and genomics. Harmful algal blooms, commercial products, and climate change. Three lecture/practical session hours per week. Course previously offered as MASC 444. Permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 444, BIOL 456.

**EMES 446. Marine Microbial Symbioses: Exploring How Microbial Interactions Affect Ecosystems and Human Health. 3 Credits.**

Course material covers host-microbe and microbe-microbe interactions found in marine ecosystems, including beneficial and parasitic relationships among viruses, microbes, marine animals, and humans. Limited to upper-level undergraduate science majors and graduate students. Course previously offered as MASC 446.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** BIOL 452.

**EMES 447. Microbial Ecological Genomics. 3 Credits.**

For junior and senior science majors and graduate students. Active learning class focused on sequencing and bioinformatic analysis of microbial genomes to identify their ecological function. Topics include sequencing technologies, genome assembly and analysis, command line, bioinformatic tools, and genes mediating microbial physiology and metabolism in natural ecosystems. Course previously offered as MASC 447. Permission of the instructor.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**EMES 448. Coastal and Estuarine Ecology. 4 Credits.**

A field-intensive study of the ecology of marine organisms and their interactions with their environment, including commercially important organisms. Laboratory/recitation/field work is included and contributes two credit hours to the course. Course previously offered as MASC 448.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 102 and MATH 231.

**Grading Status:** Letter grade.

**Same as:** ENEC 448.

**EMES 450. Biogeochemical Processes. 4 Credits.**

Principles of chemistry, biology, and geology are applied to analysis of the fate and transport of materials in environmental systems, with an emphasis on those materials that form the most significant cycles. Three lecture hours and one laboratory hour a week.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, MATH 231, and PHYS 114 or 118; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** ENEC 450.

**EMES 460. Fluid Dynamics of the Environment. 3 Credits.**

Principles and applications of fluid dynamics to flows of air and water in the natural environment. Conservation of momentum, mass, and energy applied to lakes, rivers, estuaries, and the coastal ocean. Dimensional analysis and scaling emphasized to promote problem-solving skills. Course previously offered as GEOL 460.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**EMES 466. Environmental Microbiology. 3 Credits.**

This course surveys multiple dimensions of environmental microbiology, including methods and techniques for microbial genomics, transcriptomics, and metabolomics, ecological and evolutionary microbiology, the roles of microbes in ecological systems, and current applications of and issues in environmental microbiology.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103 and BIOL 104.

**Grading Status:** Letter grade.

**Same as:** BIOL 466.

**EMES 470. Estuarine and Coastal Marine Science. 4 Credits.**

For graduate students; undergraduate students should take ENEC 222 or have permission of the instructor. Introduction to estuarine environments: geomorphology, physical circulation, nutrient loading, primary and secondary production, carbon and nitrogen cycling, benthic processes and sedimentation. Considers human impacts on coastal systems, emphasizing North Carolina estuaries. Course previously offered as MASC 470.

**Rules & Requirements**

**Making Connections Gen Ed:** PL, QI.

**Grading Status:** Letter grade.

**EMES 471. Human Impacts on Estuarine Ecosystems. 4 Credits.**

A cohesive examination of the human impacts on biological processes in estuarine ecosystems. Laboratory/recitation/field work is included and contributes two credit hours to the course. Taught at off-campus field station.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, CHEM 102 and MATH 231.

**Grading Status:** Letter grade.

**Same as:** ENEC 471.

**EMES 472. Barrier Island Ecology and Geology. 6 Credits.**

Recommended preparation, one introductory geology course. An integration of barrier island plant and animal ecology within the context of physical processes and geomorphological change. Emphasis on management and impact of human interference with natural processes. Course previously offered as MASC 472.

**Rules & Requirements**

**Making Connections Gen Ed:** PL, EE- Field Work.

**Grading Status:** Letter grade.

**EMES 483. Geologic and Oceanographic Applications of Geographical Information Systems. 4 Credits.**

Required preparation, four EMES courses or permission of the instructor. Focus is on applying GIS concepts and techniques to mining and petroleum geology, resource assessment, hydrogeology, coastal and marine geology, physical oceanography, engineering geology, and a geologic perspective on land use. Three lecture and two laboratory hours a week. Course previously offered as GEOL 483/MASC 483.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EMES 485. Summer Field Course in Geology. 3 Credits.**

Field camp teaching the proper use of geology field tools and how to make a geologic map. Field interpretation of rocks and their deformation. Course previously offered as GEOL 485.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, EMES 302, 303, and 304; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**EMES 486. Summer Field Course in Geology. 3 Credits.**

Field camp teaching advanced mapping skills necessary to interpret geologic history of complexly deformed rocks. Course previously offered as GEOL 486.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, EMES 302, 303, and 304; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**EMES 490. Special Topics in Earth, Marine, and Environmental Sciences for Undergraduates and Graduates. 1-3 Credits.**

Directed readings, laboratory, and/or field study of earth, marine, and environmental science topics not covered in scheduled courses. Course previously offered as MASC 490.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**EMES 501. Geological Research Techniques. 3 Credits.**

Theory and practice of analytical methods in geochemistry including X-ray diffraction, X-ray fluorescence, and scanning electron microscopy; introduction to electronics. Course previously offered as GEOL 501. Permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EMES 503. Marine Geology. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Investigates formation of the oceans, plate tectonics, carbonate reefs and platforms, sediment transport from the land to deep-sea fans, glacial-marine geology, marine records of changes in sea level and climate, and the evolution of barrier islands, estuaries, and deltas. Mandatory weekend field trip to the Southern Outer Banks. Course previously offered as MASC 503.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** GEOL 503.

**EMES 504. Advanced Petrology. 3 Credits.**

Origin of magmas and evolution of igneous and metamorphic rocks, combined with petrographic study of selected sites. Course previously offered as GEOL 504.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 304.

**Grading Status:** Letter grade.

**EMES 505. Chemical Oceanography. 4 Credits.**

Graduate students only; undergraduates must have permission of the instructor. Overview of chemical processes in the ocean. Topics include physical chemistry of seawater, major element cycles, hydrothermal vents, geochemical tracers, air-sea gas exchange, particle transport, sedimentary processes, and marine organic geochemistry. Three lecture and two recitation hours per week. Course previously offered as GEOL 505/MASC 505.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** ENVR 505.

**EMES 506. Physical Oceanography. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Descriptive oceanography, large-scale wind-driven and thermohaline circulations, ocean dynamics, regional and nearshore/estuarine physical processes, waves, tides. Three lecture and one recitation hour per week. Course previously offered as GEOL 506/MASC 506.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**EMES 507. Biological Oceanography. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Marine ecosystem processes pertaining to the structure, function, and ecological interactions of biological communities; management of biological resources; taxonomy and natural history of pelagic and benthic marine organisms. Three lecture and one recitation hours per week. Two mandatory weekend fieldtrips. Course previously offered as MASC 504.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** BIOL 657, ENVR 520.

**EMES 508. Global Hydrology. 3 Credits.**

An introduction to methodologies and instrumentation for quantifying the movement of water in the earth system focusing on components of the hydrologic cycle. Course previously offered as GEOL 508.

**Rules & Requirements**

**Requisites:** Prerequisites, ENEC/EMES 324 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**EMES 511. Stable Isotopes in the Environment. 3 Credits.**

Introduction to the theory, methods, and applications of stable isotopes to environmental problems. Primary focus will be on the origin, natural abundance, and fractionation of carbon, hydrogen, oxygen, and nitrogen isotopes. Course previously offered as GEOL 511.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 102.

**Grading Status:** Letter grade.

**Same as:** ENEC 511.

**EMES 512. Advanced Coastal Environmental Change. 3 Credits.**

Focuses on biological-physical couplings that shape coastal environments (i.e. coastal 'ecomorphodynamics') and determine how these environments change with climate and land use. Environments include: barrier islands, open ocean coastlines, and tidal wetlands. Grading based on presentations, participation, and a research proposal. Course previously offered as ENEC 710/GEOL 710/MASC 730.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 310, 417, 502, or 503; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ENEC 512.

**EMES 520. Data Analysis in the Earth Sciences. 3 Credits.**

Required preparation, an introductory geology course numbered below 202, except first-year seminar, or permission of the instructor. Introduction to quantitative analysis in earth sciences: solid earth, atmospheres, oceans, geochemistry, and paleontology. Topics covered: univariate and multivariate statistics, testing, nonparametric methods, time series, spatial and cluster analysis, shapes. Course previously offered as GEOL 520.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 231 and 232.

**Grading Status:** Letter grade.

**EMES 525. Inverse Theory: Advanced Data Analysis and Geophysical Modeling. 3 Credits.**

The course deals with earth science problems related to extracting model parameters from data and field observations. Details of mathematical concepts, real world examples, and practical applications associated with noisy or incomplete data are covered. Key concepts include multivariate regression, model discretization, Tikhonov regularization, and Bayesian methods. Course previously offered as GEOL 525.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EMES 560. Fluid Dynamics. 3 Credits.**

The physical properties of fluids, kinematics, governing equations, viscous incompressible flow, vorticity dynamics, boundary layers, irrotational incompressible flow. Course previously offered as GEOL 560/MASC 560.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 401; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ENVR 452, PHYS 660.

**EMES 561. Time Series and Spatial Data Analysis. 3 Credits.**

Three components: statistics and probability, time series analysis, and spatial data analysis. Harmonic analysis, nonparametric spectral estimation, filtering, objective analysis, empirical orthogonal functions. Course previously offered as MASC 561.

**Rules & Requirements**

**Making Connections Gen Ed:** PL, QI.

**Requisites:** Prerequisite, MATH 233; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**EMES 563. Descriptive Physical Oceanography. 3 Credits.**

Observed structure of the large-scale and mesoscale ocean circulation and its variability, based on modern observations. In-situ and remote sensing techniques, hydrographic structure, circulation patterns, ocean-atmosphere interactions. Course previously offered as GEOL 563/MASC 563.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, MASC 506; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**EMES 567. Application of Plasma Mass Spectrometry in Earth and Environmental Sciences. 3 Credits.**

This class is an introduction to one of the state-of-the-art analytical techniques in geological and environmental research - the ICP-MS (Inductively Coupled Plasma - Mass Spectrometry). Students will have hands-on experiences with ICP-MS sample preparation and analysis, and they will design their own hypothesis-driven research projects to analyze major and trace elements in geological and environmental samples including water, rock, and soil. Course previously offered as GEOL 567.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, EMES 101, 200, or 201.

**Grading Status:** Letter grade.

**EMES 580. Evolution of Earth's Surface Environment. 3 Credits.**

The course combines geology, climatology, hydrology, and soil science to explore the evolution of the surface environment of the earth from the Archean to the present, including the great oxidation event and modern ocean anoxia. Students will read research papers and will be encouraged to question and debate course topics. Course previously offered as GEOL 580.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EMES 590. Special Topics in Earth, Marine, and Environmental Sciences. 1-4 Credits.**

Discussion or lab-based consideration of topical issues in earth, marine, and environmental sciences. Course previously offered as GEOL 590.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**EMES 608. Continuum Mechanics in the Earth Sciences. 3 Credits.**

Applications of continuum mechanics in the earth sciences, including stress, strain, elasticity, and viscous flow. Numerical solutions to problems in heterogeneous finite strain including finite element analysis. Course previously offered as GEOL 608.

**Rules & Requirements**

**Requisites:** Prerequisites, EMES 302, and PHYS 114 or 118.

**Grading Status:** Letter grade.

**Same as:** ENEC 608.



**EMES 655. Recent Advances in Non-Traditional Stable Isotope Geochemistry. 3 Credits.**

This seminar will introduce students to state of the art analytical techniques, current theories, and their applications in various geological processes regarding the non-traditional stable isotopes (e.g., Li, Mg, Fe, Mo, and Cr). After introducing some basic principles and analytical techniques of these so called "non-traditional" stable isotopes, students will present and discuss recent literature in this arena. Course previously offered as GEOL 655.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**EMES 691H. Honors in Earth, Marine, and Environmental Sciences. 3 Credits.**

By permission of the department. For details, see Department degree requirements. Course previously offered as GEOL 691H.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**EMES 692H. Honors in Earth, Marine, and Environmental Sciences. 3 Credits.**

For details, see Department degree requirements. Course previously offered as GEOL 692H.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, EMES 691H.

**Grading Status:** Letter grade.

**GEOL—Geological Sciences****Undergraduate-level Courses****GEOL 395. Undergraduate Research in Geology. 1-4 Credits.**

Permission of the instructor. Research in geology under the supervision of a selected instructor. Approved learning contract required. May be repeated up to four times for a maximum of 12 credits.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****GEOL 502. Earth Surface Processes. 3 Credits.**

This course will focus on the processes of soil formation, erosion, and landform evolution with an emphasis on the interaction of geomorphic processes with surface hydrology and ecosystems. (EES)

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, GEOG 110.

**Grading Status:** Letter grade.

**Same as:** GEOG 440.

**GEOL 503. Marine Geology. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Investigates formation of the oceans, plate tectonics, carbonate reefs and platforms, sediment transport from the land to deep-sea fans, glacial-marine geology, marine records of changes in sea level and climate, and the evolution of barrier islands, estuaries, and deltas. Mandatory weekend field trip to the Southern Outer Banks. Course previously offered as MASC 503.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** EMES 503.

**GEOL 555. Paleobotany: An Introduction to the Past History of Plants. 3 Credits.**

An introduction to the fossil record of plants, investigating how plants originated and changed through geological time to produce the modern flora. Both macrofossils and microfossils will be considered. Three lecture hours a week.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, BIOL 103, BIOL 104, and either BIOL 250 or BIOL 271; or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 555L; permission of the instructor for students lacking the requisites.

**Grading Status:** Letter grade.

**Same as:** BIOL 555.

**MASC—Marine Science****Advanced Undergraduate and Graduate-level Courses****MASC 440. Marine Ecology. 3 Credits.**

Survey of the ecological processes that structure marine communities in a range of coastal habitats. Course emphasizes experimental approaches to addressing basic and applied problems in marine systems.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201; or BIOL 475; or BIOL 103, BIOL 104, and BIOL 260.

**Grading Status:** Letter grade.

**Same as:** BIOL 462.

**MASC 473. The Changing Coasts of Carolina. 3 Credits.**

A rigorous combination of field work, lab work, and colorful, original contemporary writing on the natural world will help tell the story of our many, evolving North Carolina coasts. Combining marine science and the creative literary arts, this immersive course will explore issues of change over many eras. This combination of social, cultural, and scientific observation will lead to imaginatively constructed, well-written non-fiction reportage about one of North America's most productive, compelling, and challenging regions.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, EE- Field Work.

**Grading Status:** Letter grade.

**Same as:** ENGL 473.

**Contact Information**

Department of Earth, Marine, and Environmental Sciences

Visit Program Website (<https://emes.unc.edu/>)

Murray and Mitchell Halls

Chair

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## Earth and Marine Sciences Major, B.S.

The B.S. degree program aims to prepare students for employment in the fields of Earth and Marine Sciences as well as graduate study. Students in this program will understand the processes that shaped the Earth and continue to shape it today. By studying Earth and Marine Sciences, students learn about the structure, composition, and history of the planet we live on. They will learn the importance of managing natural resources like water, minerals, and fossil fuels. Students will learn how to assess and mitigate natural hazards such as earthquakes, landslides, floods, coastal erosion, and volcanic eruptions. They will learn to identify potential hazards and develop strategies to minimize their impact. Earth and Marine Science plays a crucial role in managing our environment. Students will learn to assess the impact of human activities on the Earth and develop strategies to minimize negative effects. They will study processes like climate change that can impact ecosystems.

In addition to the goals listed above, the Geoscience concentration is designed to permit students to pursue professional licensure in geology and the Hydrology concentration is designed to permit students to pursue professional certification in hydrology. Professional licensure and certification are significant enhancements to career paths in these fields.

*Please note that B.S. in Geological Sciences is available for students who started at the University prior to Fall 2023. Please see the Catalog Archives (p. 1291) for program requirements.*

## Student Learning Outcomes

Upon completion of the Earth and marine sciences program (B.S.), students should be able to:










- Recognize foundational concepts in earth and marine sciences and identify how these disciplines are relevant to humans and society.
- Assess real-world problems in the earth and marine sciences and apply scientific reasoning to solve them.







- Communicate clearly and effectively to a range of audiences.
- Collect, analyze and evaluate earth and marine science data from both field and laboratory settings.

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
GEOL 200	 The Solid Earth	3
GEOL 201	Earth's Surface: Processes, Landforms, and History	3
13 credit hours from the following options:		13
GEOL 202	 Earth Systems History	
GEOL 301	Earth Materials: Minerals	
GEOL 302	Structural Geology	
GEOL 303	Sedimentology and Stratigraphy	
GEOL 304	Petrology and Plate Tectonics	
GEOL 405	Geochemistry	
GEOL 406	Introduction to Geophysics	
GEOL 417/417L	Surface Processes and Landscape Evolution	
Four geology courses numbered above 300 and not otherwise required for the major		12
Capstone requirement (one of the following combinations):		6
GEOL 485 & GEOL 486	Summer Field Course in Geology and Summer Field Course in Geology	
GEOL 691H & GEOL 692H	 Honors and  Honors	
GEOL 395	Undergraduate Research in Geology (6 credits total)	
Science-oriented Experiential Education (EE) courses. (6 credits total) <sup>1</sup>		
<b>Additional Requirements</b>		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>F</sup>	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
One of the following:		3
Any COMP 110 or above, except COMP 380		
GEOL 520	Data Analysis in the Earth Sciences <sup>2</sup>	
Any MATH above MATH 232		

Any STOR 155 or above		
One of the following courses:		4
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>F</sup>	
One of the following courses:		4
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	
Any CHEM above CHEM 102		
PHYS 115	 General Physics II: For Students of the Life Sciences <sup>F</sup>	
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>F</sup>	
At least five science electives not otherwise required for the major (see chart below)		15
Remaining General Education requirements and enough free electives to accumulate 122 academic hours		43
<b>Total Hours</b>		<b>122</b>







H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.







F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Must be pre-approved by the Director of Undergraduate Studies.

<sup>2</sup> This course may also be used to satisfy one of the required GEOL courses numbered above 300

## Science Electives Not Otherwise Required for the Major

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 220	 Principles of Archaeology	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 412	Paleoanthropology	3
ANTH 414	 Laboratory Methods: Human Osteology	3
ANTH 451	 Field School in North American Archaeology <sup>H</sup>	6
ASTR ---	any Astronomy course except a first-year seminar	
BIOC ---	any Biochemistry course except a first-year seminar, BIOC 107 and BIOC 108	
BIOL ---	any Biology course above BIOL 113	
CHEM ---	any Chemistry course above CHEM 102	
COMP ---	any Computer Science course 110 or above, except COMP 380	
ENEC ---	any Environment and Ecology course above 201	
GEOG 370	 Introduction to Geographic Information	3
GEOG 410	 Modeling of Environmental Systems	3
GEOG 412	Synoptic Meteorology	3

GEOG 414	 Climate Change	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GEOG 477	 Introduction to Remote Sensing of the Environment	3
GEOG 491	Introduction to GIS	3
GEOG 577	 Advanced Remote Sensing	3
GEOG 591	 Applied Issues in Geographic Information Systems	3
GEOG 592	 Geographic Information Science Programming	3
GEOG 594	Global Positioning Systems and Applications	3
GEOG 597	Ecological Modeling	3
GEOL ---	any Geological Sciences course	
MASC ---	any Marine Sciences course 101 and above	
MATH ---	any Mathematics course above MATH 232	
PHYS ---	any Physics course except a first-year seminar, PHYS 101, PHYS 132, and PHYS 313	
STOR ---	any Statistics and Operations Research course 155 and above	

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Course descriptions for:

- Astronomy (ASTR) and Physics (PHYS) (p. 780)
- Biochemistry (BIOC) (p. 213)
- Biology (BIOL) (p. 216)
- Chemistry (CHEM) (p. 269)
- Computer Science (COMP) (p. 338)
- Environment and Ecology (ENEC) (p. 460)
- Geography (GEOG) (p. 536)
- Geological Sciences (GEOL) (p. 367)
- Marine Sciences (MASC) (p. 367)
- Mathematics (MATH) (p. 687)
- Statistics and Operations Research (STOR) (p. 996)

## Department Programs

### Majors

- Geological Sciences Major, B.A.—Earth Science (p. 380)
- Earth and Marine Sciences Major, B.S. (p. 378)

### Minors

- Environmental Microbiology Minor (p. 382)
- Geological Sciences Minor (p. 384)
- Marine Sciences Minor (p. 384)

### Graduate Programs

- M.S. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
- M.S. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences/>)

- Ph.D. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
- Ph.D. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences/>) (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)

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## Geological Sciences Major, B.A.— Earth Science Concentration

The study of earth's dynamic systems is a field that has seen major advances over the last few decades. Geologists investigate diverse systems that play a large role in controlling the environment at the earth's surface.

## Student Learning Outcomes

Upon completion of the geological sciences program (B.A.), students should be able to:

- Demonstrate broad knowledge of core geological concepts
- Produce written synthesis of professional journal articles dealing with topics covered in advanced courses
- Make a clear and effective oral presentation
- Apply knowledge and skills from coursework in a significant field experience in an area of geological sciences

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
EMES 200	 The Solid Earth	3
EMES 201	 Earth's Surface: Processes, Landforms, and History	3
A minimum of 11 credits from the following EMES courses:		11
EMES 221	Geology of North America	
EMES 301	Earth Materials: Minerals	
EMES 302	Structural Geology	
EMES 303	Sedimentology and Stratigraphy	
EMES 304	Petrology and Plate Tectonics	
EMES 306	 Earth Systems History	
EMES 324 & 324L	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems and  Water in Our World Laboratory	
Capstone requirement:		6
EMES 485 & EMES 486	Summer Field Course in Geology and Summer Field Course in Geology	
EMES 691H & EMES 692H	 Honors in Earth, Marine, and Environmental Sciences and  Honors in Earth, Marine, and Environmental Sciences	
EMES 395	 Undergraduate Research in Earth, Marine, and Environmental Sciences <sup>1</sup>	
Science-oriented Experiential Education (EE) courses (6 credits total). <sup>2</sup>		
<b>Additional Requirements</b>		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
MATH 130	 Precalculus Mathematics <sup>F</sup>	3
At least three geology and/or allied science electives not otherwise required for the major (see below chart)		9
<b>Total Hours</b>		<b>39</b>











H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> 6 credits of independent research

<sup>2</sup> Must be pre-approved by the director of undergraduate studies.

## Geology and/or Allied Science Electives Not Otherwise Required for the Major

Code	Title	Hours
ANTH 143	Human Evolution and Adaptation	3
ANTH 220	 Principles of Archaeology	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 412	Paleoanthropology	3
ANTH 414	 Laboratory Methods: Human Osteology	3
ASTR ---	any Astronomy course	
BIOC ---	any Biochemistry course except BIOC 107 and BIOC 108	
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
BIOL ---	any Biology course above BIOL 113	
CHEM ---	any Chemistry course above CHEM 101	
COMP ---	any Computer Science course except COMP 50, COMP 70, and COMP 380	
ECON 101	 Introduction to Economics <sup>H, F</sup>	4
EMES ---	any Earth, Marine, and Environmental Sciences course numbered above EMES 103	
ENEC 489	Ecological Processes in Environmental Systems	4
ENEC 490	Special Topics in Environmental Science and Studies <sup>H</sup>	1-12
ENVR ---	any Environmental Health Sciences course except ENVR 600	
GEOG 370	 Introduction to Geographic Information	3
GEOG 410	 Modeling of Environmental Systems	3
GEOG 412	Synoptic Meteorology	3
GEOG 414	 Climate Change	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GEOG 440	Earth Surface Processes	3
GEOG 441	Introduction to Watershed Systems	3
GEOG 444	Landscape Biogeography	3
GEOG ---	any Geography course above GEOG 477	
GEOL ---	any Geological Sciences course	
MASC ---	any Marine Sciences course above MASC 101	
MATH ---	any Mathematics course above MATH 130	
PHYS ---	any Physics course except PHYS 101, PHYS 132, and PHYS 313	
STOR ---	any Statistics and Operations Research course STOR 155 or above	

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Students also must satisfy all General Education requirements.

Course descriptions for:

- Astronomy (ASTR) and Physics (PHYS) (p. 780)
- Biochemistry (BIOC) (p. 213)
- Biology (BIOL) (p. 216)
- Chemistry (CHEM) (p. 269)
- Computer Science (COMP) (p. 338)
- Environmental Health Sciences (ENVR) (p. 494)
- Geography (GEOG) (p. 536)
- Geological Sciences (GEOL) (p. 367)
- Marine Sciences (MASC) (p. 367)
- Mathematics (MATH) (p. 687)
- Statistics and Operations Research (STOR) (p. 996)

## Special Opportunities in Earth, Marine, and Environmental Sciences Honors in Geological Sciences

The honors program is open to undergraduates with an overall grade point average of 3.3 or better as of the beginning of the fall semester of the senior year. To participate in this program, the student chooses a research topic in consultation with his or her chosen faculty sponsor and conducts the research during the last two semesters in residence. The research project should represent the equivalent time expenditure of six hours of course credit and is taken as EMES 691H (fall semester) and EMES 692H (spring semester).

Upon recommendation of the faculty, students may be awarded the degree with honors or highest honors. Highest honors is reserved for students who have distinguished themselves in both coursework and independent research. In order to obtain this distinction the student must maintain a grade point average of 3.60 or higher and complete a research project that is worthy of peer-reviewed publication.

## Departmental Involvement

The department encourages the active participation of undergraduates in department research, teaching, and social life. In addition to opportunities for experiential education and teaching internships described below, the department has an active Geology Honor Fraternity and Geology Club and regularly sponsors field excursions, career information sessions, and social events. Dates, times, and locations for all events are posted on the website and in the main lobby on the first floor of Mitchell Hall.




## Experiential Education

Many department courses emphasize experiential learning through field and laboratory work. Most degree tracks include a field geology course (EMES 485 and EMES 486 or a similar course in another department) that fulfills the experiential education General Education requirement

(in the Making Connections curriculum). Additionally, all students are encouraged to contact faculty members about conducting independent research, either as an honors thesis or a senior thesis project.

## UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years.

Code	Title	Hours
<b>Educational Foundations</b>		
EDUC 532	 Human Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
<b>Student Teaching</b>		
EDUC 593	 Internship/Student Teaching	12
<b>Seminar</b>		
EDUC 601	Education Workshops	1
<b>Pedagogy Course</b>		
EMES 412	 Principles and Methods of Teaching Earth Science	4
<b>Total Hours</b>		<b>26</b>

For more details on admission requirements, application deadlines, and submitting an online application, visit the School of Education website (<http://soe.unc.edu/academics/uncbest/>).

## Study Abroad

Although the department has no formalized study abroad program, many students participate in a study abroad program, and some receive credit for geology coursework completed abroad. Students interested in a study abroad program should contact the director of undergraduate studies. Students must receive approval from the director of undergraduate studies prior to taking courses abroad for geology credit.

## Undergraduate Awards

The Op White Prize in Geology, established in 1966, consists of a cash prize and an engraved bronze plaque displayed in the geology office. The award is given annually to the outstanding senior in geology.

## Field Camp Scholarships

Several scholarships for geology field camp are awarded each year from the Grover Murray and Anadarko funds.

## Undergraduate Research

The department encourages qualified undergraduate students to conduct independent research on an interesting geologic topic under the direction of a geological sciences faculty member. This research can be conducted as a one- to four-credit hour project (GEOL 395) or in conjunction with the geology honors program.

## Department Programs

### Majors

- Geological Sciences Major, B.A.–Earth Science (p. 380)
- Earth and Marine Sciences Major, B.S. (p. 378)

### Minors

- Environmental Microbiology Minor (p. 382)
- Geological Sciences Minor (p. 384)
- Marine Sciences Minor (p. 384)

### Graduate Programs

- M.S. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
- M.S. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences/>)
- Ph.D. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
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## Contact Information

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## Environmental Microbiology Minor




Microbes are responsible for controlling the movement of energy, mass, and information through ecosystems (natural, artificial, and human). The environmental microbiology minor will develop students understanding of fundamental concepts in microbiology (cell structure, physiology, metabolism) together with an understanding of the evolutionary and ecological processes that shape their activities in earth's environments. By completing the minor, students will gain training to prepare them for a

wide variety of microbiology careers, including environmental sciences, health sciences, biotechnology industries, and more.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
One course emphasizing microbiology fundamentals, chosen from:		3-4
EMES 204	 The Microbial World: Foundations in Structure, Metabolism, and Ecology <sup>1</sup>	
BIOL 422 & 422L	Microbiology and Microbiology Laboratory <sup>1</sup>	
MCRO 251	Introductory Medical Microbiology	
Four courses emphasizing microbial ecological theory, evolution, or within the environment, chosen from:		12
EMES 443	Marine Microbiology	
EMES 444/ BIOL 456/ ENEC 444	Marine Phytoplankton	
EMES 446/ BIOL 452	Marine Microbial Symbioses: Exploring How Microbial Interactions Affect Ecosystems and Human Health	
EMES 447	Microbial Ecological Genomics	
EMES 450	Biogeochemical Processes	
EMES/BIOL 466	Environmental Microbiology	
BIOL 480	Discoveries in Prevention and Cure of Infectious Disease in London <sup>H</sup>	
BIOL 481	Biology, History, and Evolution of Epidemic Diseases	
BIOL 568	Disease Ecology and Evolution	
BIOL 620	Bacterial Genetics with Emphasis on Pathogenic and Symbiotic Interactions	
ENVR 135	 Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health <sup>3</sup>	
or ENVR 335	 Adv Environ-ECUIPP Lab: Connecting with Communities Through Environmental Research for PH Protection	
ENVR 412	Ecological Microbiology	
ENVR 421	Environmental Health Microbiology	
ENVR 705	One Health: Philosophy to Practical Integration (3 credits required)	
---*95	Mentored research course with a microbiology focus (3 credits required) <sup>2</sup>	
<b>Total Hours</b>		<b>15-16</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Prerequisite(s) required. Check course description for details.

<sup>2</sup> Requires permission by the program director.

<sup>3</sup> ENVR 335 is repeatable for credit, but only 3 credit hours may count toward the minor.

## Department Programs

### Majors

- Geological Sciences Major, B.A.–Earth Science (p. 380)
- Earth and Marine Sciences Major, B.S. (p. 378)

### Minors

- Environmental Microbiology Minor (p. 382)
- Geological Sciences Minor (p. 384)
- Marine Sciences Minor (p. 384)

### Graduate Programs

- M.S. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
- M.S. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences/>)
- Ph.D. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
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## Geological Sciences Minor

Students majoring in another department may elect to pursue completion of a minor in geology.

### Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Four GEOL courses <sup>1</sup>		12
<b>Total Hours</b>		<b>12</b>

<sup>1</sup> Only one course may be numbered less than 200.

Geological Sciences (GEOL) course descriptions (p. 367).

See the program page here (p. 380) for special opportunities.

## Department Programs

### Majors

- Geological Sciences Major, B.A.–Earth Science (p. 380)
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## Marine Sciences Minor




The minor in marine sciences is designed to allow students access to departmental courses, facilities, and advisors in order to develop marine specializations related to their majors and to prepare for postgraduate study in marine sciences or a related field.

### Requirements


In addition to the program requirements listed below, students must:


- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
One course emphasizing global oceanic processes:		3
MASC 101	 The Marine Environment <sup>1</sup> or MASC 401 Oceanography	
One course emphasizing the coastal ocean		3
ENEC 222	Estuarine and Coastal Marine Science	
MASC 55	 First-Year Seminar: Change in the Coastal Ocean	
MASC 58	 First-Year Seminar: Connections to the Sea: The Challenges Faced by Using and Living near Coastal In	
MASC/ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	



MASC/GEOL 223	Geology of Beaches and Coasts	
MASC/ENEC/ GEOL 411	Oceanic Processes in Environmental Systems	
MASC 432	Major World Rivers and Global Change: From Mountains to the Sea	
MASC/ENEC 433	Wetland Hydrology	
MASC 440/ BIOL 462	Marine Ecology	
MASC 442/ BIOL 457	Marine Biology	
MASC/ENEC 448	Coastal and Estuarine Ecology	
MASC/ENEC 471	Human Impacts on Estuarine Ecosystems	
MASC 472	Barrier Island Ecology and Geology	
	or an equivalent course with a focus on the coastal ocean and approved by the director of undergraduate studies	
One course featuring practical experience in marine sciences.		3
Choose one from the following four groups:		
Group 1:		
ENEC 222	Estuarine and Coastal Marine Science	
MASC 52	 First-Year Seminar: Living with Our Oceans and Atmosphere	
MASC/ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	
MASC/GEOL 223	Geology of Beaches and Coasts	
MASC 432	Major World Rivers and Global Change: From Mountains to the Sea	
MASC/ENEC 448	Coastal and Estuarine Ecology	
MASC/ENEC 471	Human Impacts on Estuarine Ecosystems	
MASC 472	Barrier Island Ecology and Geology	
MASC/GEOL 503	Marine Geology	
MASC 504/ BIOL 657/ ENVR 520	Biological Oceanography	
	or an equivalent field course approved by the director of undergraduate studies	
Group 2:		
MASC/ENEC/ GEOL 415	Environmental Systems Modeling	
MASC/GEOL/ ENVR 480	Modeling of Marine and Earth Systems	
MASC/GEOL 483	Geologic and Oceanographic Applications of Geographical Information Systems	
MASC 561	Time Series and Spatial Data Analysis	
	or an equivalent mathematical modeling or data analysis course approved by the director of undergraduate studies	
Group 3:		
MASC/ENEC 444/BIOL 456	Marine Phytoplankton	

MASC 445	Marine Invertebrate Biology	
	or an equivalent laboratory course approved by the director of undergraduate studies	
Group 4:		
MASC 395	 Undergraduate Research in Marine Sciences	
	or MASC 396 Independent Study in Marine Sciences	
A marine sciences course of the student's choosing		3
<b>Total Hours</b>		<b>12</b>

<sup>1</sup> Students may not receive credit for both MASC 101 and MASC 401

Marine sciences (MASC) course descriptions (p. 367).

## Special Opportunities in Marine Sciences Undergraduate Research

The department offers opportunities to undergraduates to conduct directed research in our laboratories. Students work directly with faculty members and may enroll for credit as part of an honors or research project. The liaison for undergraduate research provides information about research opportunities in marine sciences, and assists undergraduates in finding a faculty advisor/research group that matches their interests.

### Experiential Education

There are three opportunities for experiential education in Marine Sciences:

- EMES 220 is taught during Maymester at the main campus with one week at the UNC–Chapel Hill Institute of Marine Sciences in Morehead City, NC.
- EMES 395 can be taken with the permission of a faculty advisor.
- EMES 472 is taught at the UNC–Chapel Hill Institute of Marine Sciences in Morehead City, NC, during the summer session and provides an experience in the field.

## Department Programs

### Majors

- Geological Sciences Major, B.A.–Earth Science (p. 380)
- Earth and Marine Sciences Major, B.S. (p. 378)

### Minors

- Environmental Microbiology Minor (p. 382)
- Geological Sciences Minor (p. 384)
- Marine Sciences Minor (p. 384)

### Graduate Programs

- M.S. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
- M.S. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences/>)
- Ph.D. in Geological Sciences (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)
- Ph.D. in Marine Sciences (<http://catalog.unc.edu/graduate/schools-departments/marine-sciences/>) (<http://catalog.unc.edu/graduate/schools-departments/geological-sciences/>)

## Contact Information

### Department of Earth, Marine, and Environmental Sciences

Visit Program Website (<https://emes.unc.edu/>)

Murray and Mitchell Halls

#### Chair

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#### Director of Undergraduate Studies (GEOL)

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Amy Bartenfelder

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## Department of Economics

### Introduction

Economics is commonly defined as the study of how society allocates scarce resources to satisfy unlimited wants. It focuses upon the fact that we wish to maximize our satisfaction through the consumption of goods and services (including leisure time); however, the resources available for production are limited. Hence, decisions must be made regarding what to produce, how to produce it most efficiently, and how to distribute the output among the various members of the society. Economics analyzes the market framework for making such choices.

At the microeconomic or “individual unit” level, economics examines the behavior of consumers, business firms, workers, and individual markets. At the macroeconomic or “aggregate” level, attention is given to the national and international problems of unemployment, inflation, balance of payments, and economic growth.

### Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department’s director of undergraduate studies and undergraduate advisor work with current and prospective majors by appointment. (See contact information above.) Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the

honors program, careers, and graduate schools may be obtained from the department’s website.

## Graduate School and Career Opportunities

Economics students in recent years have frequently pursued graduate work in law and business administration, as well as the Ph.D. degree in economics. Others have entered international affairs/international studies programs. Students planning to pursue graduate work in economics should continue to take mathematics courses beyond the required level, and a minor or second major in mathematics is recommended.

Most students have accepted employment with commercial and investment banks, accounting and insurance firms, and a variety of other corporations. The economics major competes well with other majors (including business administration) in the job market. Employment surveys of recent graduates by UNC–Chapel Hill’s University Career Services indicate a relatively high ranking for economics majors in terms of employment rates and starting salaries. Note: Recent majors have found that job possibilities are enhanced if at least one accounting course has been completed at the undergraduate level.

#### Major

- Economics Major, B.A. (p. 396)
- Economics Major, B.S. (p. 399)

#### Minor

- Entrepreneurship Minor (p. 401)

#### Graduate Programs

- M.S. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics/>)
- Ph.D. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics/>)

## Professors

Gary A. Biglaiser, Anusha Chari, Luca Flabbi, Neville Francis, Jane Fruehwirth, Eric Ghysels, Donna B. Gilleskie, Peter R. Hansen, Lutz Hendricks, Jonathan Hill, Brian McManus, Steven S. Rosefielde, Jonathan Williams, Andrew Yates.

## Associate Professors

Fei Li, Peter Norman, Sergio Parreiras, Klara Peter, Valentin Verdier.

## Assistant Professors

Andrii Babii, Jaden Chen, Marco Duarte, Qing Gong, Andrés Hincapié, Désiré Kédagni, Jacob Kohlhepp, Stanislav Rabinovich, Can Tian, Paige Weber.

## Teaching Professors

Michelle Sheran-Andrews, Geetha Vaidyanathan.

## Teaching Associate Professors

Christopher Handy, Kalina Staub.

## Teaching Assistant Professors

Robert McDonough, Christopher Roark.

## Professor of the Practice

Bernard Bell.

## Adjunct Faculty

Simon Alder, James Anton, Clement Joubert, Ju Hyun Kim, Asger Lunde, Nathan Letts, Gordon Liu, Mariano Massimiliano Croce, Michael T. Owyang, Toan Phan, Frank Sloan, Duncan Thomas.

## Professors Emeriti

John S. Akin, Dennis Appleyard, Arthur Benavie, Stanley W. Black, Ralph Byrns, William A. Darity Jr., Alfred J. Field Jr., Richard T. Froyen, A. Ronald Gallant, Dell B. Johannesen, James L. Murphy, Michael K. Salemi, John Stewart, Helen Tauchen, Boone Turchi, Roger Waud, James Wilde, Xiaodong Wu.

## ECON—Economics

ECON 101 or equivalent is a prerequisite to all courses numbered above the 100 level. In addition, University graduation credit will be given for only one course in each of the following sets of courses: ECON 310 and ECON 410, ECON 320 and ECON 420, ECON 320 and ECON 423, ECON 345 and ECON 445, ECON 380 and ECON 480.

### Undergraduate-level Courses

#### **ECON 54. First-Year Seminar: The Entrepreneurial Imagination: Turning Ideas into Reality. 3 Credits.**

What are the skills and competencies that great entrepreneurs have in common and how might first-year students begin to acquire such skills? This course will answer the question by combining a study of the writings of leading scholars on innovation and entrepreneurship with analytical case studies on successful entrepreneurs.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### **ECON 55. First-Year Seminar: Economics of Sports. 3 Credits.**

This course teaches you some basic economic principles by using examples from the world of sport. Through readings, videos, lectures, discussions, and personal experiences we will use the sports industry to learn about the economic way of thinking, market structures, labor markets, game theory, market failure, and public finance Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

#### **ECON 56. First-Year Seminar: Entrepreneurship: Asia and the West. 3 Credits.**

This course fits the Carolina Entrepreneurial Initiative (CEI), with a communication intensive, global issues framework.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

#### **ECON 57H. First-Year Seminar: Constructing Your Own Venture. 3 Credits.**

This class presents principles of entrepreneurship in the context of creating an entrepreneurial venture. You will work in teams over the semester to take an idea, identify its customers and bring it to life, working intensively with instructors and designated advisors. Teams will present a viable product at semester end.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

#### **ECON 58. First-Year Seminar: Researching the Tools for Success in College. 3 Credits.**

In this Course-based Undergraduate Research Experience (CURE), we will study the barriers and tools for success in college. Students will develop a measure of success and identify a focal barrier to success in collaboration with classmates and drawing on existing research. Students will synthesize existing evidence in the related literature, collect their own data, and create their own evidence on the topic. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, RESEARCH.

**Making Connections Gen Ed:** SS, EE- Mentored Research.

**Grading Status:** Letter grade.

#### **ECON 89. First Year Seminar: Special Topics. 3 Credits.**

This is a special topics course. Content will vary each semester. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

#### **ECON 100. Economic Principles. 3 Credits.**

Discussion of economic topics of current interest for students with little or no background in economics.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**ECON 101. Introduction to Economics. 4 Credits.**

Introduction to fundamental issues in economics including competition, scarcity, opportunity cost, resource allocation, unemployment, inflation, and the determination of prices. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ECON 111. The Economics of Entrepreneurship and Innovation. 3 Credits.**

This course will present the fundamental concepts of economics necessary to the understanding of the theory and practice of entrepreneurship. Topics include supply and demand, consumer choice, profit maximization and choice under uncertainty. The presentation of these topics will be structured around a series of case studies of entrepreneurial innovation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**ECON 125. Introduction to Entrepreneurship. 3 Credits.**

This course covers both theoretical frameworks and practical examples of how to think like an entrepreneur and identify innovative opportunities. Students will learn about innovating, marshalling limited resources, inspiring teams, and persisting through challenges and uncertainty, often by trying, learning from what happens, and trying something better. Students will be applying the concepts of high-performing teams, design thinking, lean startup, pitching, as well as a range of different tools for evaluating venture feasibility and viability. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ECON 290. Special Topics. 1-3 Credits.**

The goal of the course is to better prepare ECON majors for their careers upon graduation. We will work on building real-life core transferable skills that will help students in their pursuit of careers not just right out of college but years down the road for jobs that may not have even been created yet. The skills will be both technical as well as working on leadership and teamwork attributes.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410 or permission of the instructor.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**ECON 291. Undergraduate Learning Assistant Seminar and Practicum. 1-3 Credits.**

Permission of the instructor. Studies have shown that courses utilizing undergraduate learning assistants have improved quality of instruction, sensitivity to student concerns, and overall student contact. Undergraduate learning assistants also gain an improved knowledge of the subject matter, heightened communication skills, and a sense of membership in the academic community.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Repeat Rules:** May be repeated for credit. 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**ECON 292. Career Preparation for Economics Majors. 1 Credits.**

This course prepares ECON majors for their careers upon graduation. This class will teach students skills needed to shape their career from first job through last. We emphasize how to market yourself, network, interview techniques and creating an effective resume. We will build core transferable skills that will help students in pursuing a career not just right out of college but years in the future for jobs that may not have even been created yet. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and ECON 410; permission from instructor for students lacking the prerequisites.

**Grading Status:** Pass/Fail.

**ECON 293. Internship. 3 Credits.**

Permission of the director of undergraduate studies. Majors only. A supervised internship appropriate for experiential education in economics. Cannot count toward the economics major. Pass/Fail only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Grading Status:** Pass/Fail.

**ECON 310. Microeconomics: Theory and Applications. 3 Credits.**

Analysis of the ways in which consumers and business firms interact in a market economy. Students may not receive credit for both ECON 310 and 410.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**Same as:** MNGT 310.

**ECON 320. Macroeconomics: Theory and Policy. 3 Credits.**

Analysis of economic theory and government policy as they relate to such national economic variables as output, income, employment, inflation, investment, and budget and trade deficits. Students may not receive credit for both ECON 320 and 420 or both ECON 320 and 423.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ECON 325. Entrepreneurship: Principles, Concepts, Frameworks, and Fluency. 3 Credits.**

This class provides a foundation in key principles, concepts, and fluency in entrepreneurship, specifically in the areas of design thinking, understanding consumers and customers, company strategy, and entrepreneurial finance and capital formation. Additionally, the class introduces important skills and tools important in startups and growth companies such as branding, storytelling and video making. Priority is given to students accepted into the Shuford Minor in Entrepreneurship. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 125; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ECON 326. Social Entrepreneurship. 3 Credits.**

Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLCY 326, PLAN 326.

**ECON 327. Venture-Creation Workshop. 3 Credits.**

This course applies the entrepreneurial process with hands-on activities and guidance from experienced entrepreneurs. Students work in teams to experience first-hand what it is like to create a new venture. Different sections are offered for the following types of ventures: commercial, sports management, media and entertainment, arts, and scientific. Each section instructor has entrepreneurial experience in that venture type. Honors versions are sometimes available. Other track courses for the Entrepreneurship Minor are listed at [Shuford.unc.edu](http://Shuford.unc.edu). Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisite, ECON 325; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ECON 328. Arts Entrepreneurship. 3 Credits.**

The goal of this course is to build upon the teachings of ECON 125 and ECON 325 by conceptualizing, writing, preparing, and presenting formal business plans for entrepreneurial ventures in the arts. We will examine the challenges and changing nature of entrepreneurship and innovation as they relate to the arts with a goal to provide business world examples of such challenges.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 101, 125, and 325.

**Grading Status:** Letter grade.

**ECON 330. Economic History of the United States. 3 Credits.**

Main features of the American economy: colonial times to the present. Students may not receive credit for both ECON 330 and ECON 430.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** MNGT 330.

**ECON 345. Public Policy Toward Business. 3 Credits.**

Industry structure and its relation to performance; market imperfections; description and analysis of antitrust and regulation. Students may not receive credit for both ECON 345 and ECON 445.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, ECON 310 or 410.

**Grading Status:** Letter grade.

**Same as:** MNGT 345.

**ECON 360. Survey of International and Development Economics. 3 Credits.**

An introduction to basic economic concepts critical to understanding issues of economic development and international economics, particularly as they relate to contemporary policy issues facing both developing and industrialized countries. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ECON 362. Exploring Economies. 3 Credits.**

During this course, students will explore both microeconomic and macroeconomic principles in the context of a host country. Students will hone their ability to think like an economist while examining the host country's culture and economy through interactive discussions, activities, and site-visits. Topics will vary based on location, but could include market structures and prices, market failures, labor markets, trade, economic growth and inequality, fiscal and monetary policy, exchange rates, and costs of living.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, GL.

**Requisites:** Prerequisite, ECON 101; a grade of C or better is required.

**Grading Status:** Letter grade.

**ECON 370. Economic Applications of Data Science. 3 Credits.**

This course is a broad-based introduction to numerical and data-science methods used in economics. The R programming language will be introduced assuming no prior experience. Subsequent lectures will focus on real-world data with economic applications. Methods will include wrangling, cleaning, and visualizing data, descriptive analysis, optimization, and statistical learning. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**ECON 380. The Economics of Labor Relations. 3 Credits.**


An economic analysis of workplace issues, including worker quits, layoffs and unemployment, discrimination and affirmative action, and the setting of pay, fringe benefits, and working conditions. Students may not receive credit for both ECON 380 and ECON 480.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 310 or 410.

**Grading Status:** Letter grade.

**Same as:** MNGT 380.

 **ECON 384. Gateway to Philosophy, Politics, and Economics. 3 Credits.**

One course in economics strongly recommended. This interdisciplinary gateway course provides an introduction to subjects and quantitative techniques used to analyze problems in philosophy, political science, and economics. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**Same as:** PHIL 384, POLI 384.

**ECON 390. Special Topics. 1-3 Credits.**

Topic varies from semester to semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **ECON 393. Practicum in Entrepreneurship. 3-6 Credits.**

This capstone course is a hands-on learning lab to prepare you for entrepreneurial life. This class introduces you to speakers, readings, podcasts, exercises, assignments and practical lessons about entrepreneurship. It provides you with critical analysis of your performance as seen through the lens of other Founders, Entrepreneurs, and Senior Executives. You develop both practical skills of financial and operational management and soft skills for personal and professional development needed to be competitive in entrepreneurial activity. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisites, ECON 125, 325, and an internship approved by the Shuford coordinator.

**Grading Status:** Letter grade.

 **ECON 394. Advanced Entrepreneurship Practicum. 3 Credits.**

An advanced, hands-on course for students with the academic learning of the Shuford Minor and a passion for launching a venture, whether for-profit or nonprofit. You will work with entrepreneurship mentors and coaches to apply the lessons of the Shuford Minor and to convert your idea into an enterprise that launches your solution into its intended market. Teaching style is practical, collaborative, and devoted to learning-by-doing.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisites, ECON 325 and ECON 327 or equivalent; permission from instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ECON 395. Research Course. 1-3 Credits.**

Topic varies from semester to semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ECON 396. Independent Study. 1-3 Credits.**


Permission of the director of undergraduate studies. Readings and research under the supervision of a member of the department.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

 **ECON 400. Introduction to Data Science and Econometrics. 4 Credits.**

This course is a comprehensive introduction to statistics, including descriptive statistics and statistical graphics, probability theory, distributions, parameter estimation, hypothesis testing, simple and multiple regression, and use of powerful statistical estimation software. This course includes a substantial introduction to basic econometrics. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, ECON 101 with a grade of C or better; MATH 152, 231, STOR 112, or 113 with a grade of C- or better.

**Grading Status:** Letter grade.

 **ECON 410. Intermediate Microeconomics. 4 Credits.**

This course explores the foundations of Microeconomic theory, focusing on the choices of consumers and producers. The organization of markets and its implications for firm behavior and market equilibrium are also examined. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, ECON 101 with a grade of C or better; MATH 152, 231, STOR 112, or 113 with a grade of C- or better.

**Grading Status:** Letter grade.

**ECON 411. Game Theory. 3 Credits.**

Game theory is the study of strategic interactions, where the best choice for the individual depends directly on what other individuals are doing. This course formalizes strategic interactions as mathematical games. Students examine the concept of a strategy, examine what it means to be rational or irrational, and define solution concepts that correspond to different assumptions.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 410 with a grade of C or better, or COMP 550, POLI 287, or POLI 288; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ECON 415. Market Failures. 3 Credits.**

This course is a continuation of ECON 410. While ECON 410 dealt with basic price theory and market successes, this course will mainly cover market failures. In particular, we will first explore the notion of efficiency and equity in a partial and general equilibrium framework. We will then add asymmetric information, behavioral economics, externalities, public goods, and market power to models learned in ECON 101 and ECON 410 to analyze the effects on economic efficiency.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 410 with a grade of C or better.

**Grading Status:** Letter grade.

**ECON 416. Behavioral Economics. 3 Credits.**

This course covers alternatives to the standard rational choice model featured in ECON 410. The course covers four themes: choice under certainty (e.g. menu and endowment effects), choice under uncertainty (e.g. prospect theory), intertemporal choice (e.g. hyperbolic preferences), and strategic choices by individuals (e.g., social preferences, envy, altruism). The readings focus on the contributions of experimental economics and neuroeconomics.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 410 with a grade of C or better.

**Grading Status:** Letter grade.

**ECON 420. Intermediate Macroeconomics. 3 Credits.**

An introduction to contemporary macroeconomic concepts and analysis. Topics include the level, fluctuations, and growth of national income, and monetary and fiscal policies designed to achieve economic goals. Students may not receive credit for both ECON 320 and ECON 420. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 410 with a grade of C or better.

**Grading Status:** Letter grade.

**ECON 423. Financial Markets and Economic Fluctuations. 3 Credits.**

An examination of financial institutions and markets, their role in economic conditions, and the use of macroeconomic policies in affecting those conditions. Students may not receive credit for both ECON 320 and ECON 423. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 425. Financial Economics. 3 Credits.**

How does a risk averse individual allocate their funds? Students begin by defining and measuring risk, making connection to their microeconomics training. They then develop and use asset pricing models to explore the interplay between risk and return. Finally, students use these tools to develop a mean-variance optimal portfolio allocation. Students are introduced to basic quantitative tools and participate in myriad practical applications.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 434. History of Economic Doctrines. 3 Credits.**

A survey of the fundamental forms of economic thought from the scholastics through Keynes.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, ECON 101, 400, and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 436. Urban Economics. 3 Credits.**

This course introduces space into economic models to study the location of economic activity and implications for business and individuals. We examine contemporary issues of housing, transportation, education, employment, poverty, and crime, exploring possible solutions. Also considered will be theories of why cities exist, causes of their growth and decline.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410; both with a grade of C or better.

**Grading Status:** Letter grade.

**ECON 440. Analysis of Public Finance. 3 Credits.**

Application of economic analysis to the taxing and spending functions of government. Students may not receive credit for both ECON 340 and ECON 440.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 445. Industrial Organization. 3 Credits.**

The course covers the causes and consequences of firms' strategic behavior, focusing on situations in which firms have market power. The main analytical tools are microeconomic theory and game theory. Topics covered include: pricing, product design, imperfect competition, collusion and cartels, firm-to-firm supply relationships, mergers, and antitrust policy. Students may not receive credit for both ECON 345 and 445.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 450. Health Economics: Problems and Policy. 3 Credits.**

Economic analysis applied to problems and public policy in health care.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ECON 452. Economics of Global Pandemics. 3 Credits.**

During this course, students will explore the effects of past pandemics and consider the micro- and macroeconomic impacts of the COVID19 pandemic on individuals, firms, and societies. Some topics include interpreting infection and mortality data, fiscal and monetary policy responses, encouraging research and development of vaccines, effects of pandemics on labor markets, allocation of scarce resources during pandemics, and the implications of the pandemic on racial, gender, and income inequality.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** COMMBEYOND.

**Requisites:** Prerequisites, ECON 400 and ECON 410 with a grade C or better.

**Grading Status:** Letter grade.

**ECON 455. Environmental Economic Theory. 3 Credits.**

A rigorous economic analysis of environmental issues, with particular emphasis on the problem of designing appropriate institutions and regulations under private information and the interaction between economic and ecological systems. Topics include emission fees and marketable permits, pollution models, carbon regulation, and ecosystem service markets.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 460. International Economics. 3 Credits.**

An introduction to international trade, the balance of payments, and related issues of foreign economic policy.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**Same as:** EURO 460, PWAD 460.

**ECON 461. European Economic Integration. 3 Credits.**

Economic and political aspects of European economic integration, the EC customs union, barriers to integration, convergence vs. divergence of inflation rates and income levels, enlargement of the EC.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better is required in ECON 400 and 410; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ECON 465. Economic Development. 3 Credits.**

An introduction to the economic characteristics and problems of the less developed countries and to the theories and policies applicable to the developing economy.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, GL.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ECON 468. Socialism, Planning, and the Contemporary Russian Economy. 3 Credits.**

Study of the principles, design, organization, and performance of state-controlled economies relying on planning or regulated markets, with an emphasis on continuity and post-communist transition.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400, and 310 or 410; a grade of C or better in ECON 400, and 310 or 410 is required.

**Grading Status:** Letter grade.

**ECON 469. Asian Economic Systems. 3 Credits.**

This course provides an in-depth examination of the behavioral principles and performances of five core Asian economic systems: Japan, China, Taiwan/South Korea, North Korea and Thailand.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Requisites:** Prerequisites, ECON 400, and 310 or 410; a grade of C or better in ECON 400, and 310 or 410 is required.

**Grading Status:** Letter grade.

**Same as:** ASIA 469.

**ECON 470. Econometrics. 3 Credits.**

Econometrics is the application of statistical methods and economic theory to the problem of identifying, estimating, and testing economic models. This course covers concepts and methods used in empirical economic research. Students will learn how to conduct and how to critique empirical studies in economics. Students may not receive credit for both ECON 470 and 570. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 480. Labor Economics. 3 Credits.**

An introduction to the field of labor economics with emphasis on how the interactions between firms and workers influence wages, employment, unemployment, and inflation. Students may not receive credit for both ECON 380 and ECON 480.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.



**ECON 485. Economics of Sports. 3 Credits.**

This course applies microeconomic techniques to study the allocation of resources in professional and collegiate sports, the determinants of an athlete's salary, racial discrimination, gender wage differentials, and the economic impact of sports within the local community. The course engages students with real-world sports stories and incorporates empirical research and statistical analysis to test different economic theories.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

 **ECON 486. Gender and Economics. 3 Credits.**

This course uses basic microeconomic theory and recent empirical studies to examine the causes and consequences of gender differences in economic outcomes. Topics covered may include family formation and dissolution, fertility decisions, human capital investment, labor force participation, the gender earnings gap, and occupational choice.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, CI.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 490. Special Topics. 1-3 Credits.**

Topic varies from semester to semester.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ECON 493. Practicum in Quantitative Financial Economics. 1 Credits.**

This practicum provides students the opportunity to implement and test the models being developed in ECON 525. Students will work with multiple data sources and programming platforms, and engage in a series of practical experiments using live market information.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400, 410, and 425; a grade of C or better in ECON 400 and 410 is required; corequisite, ECON 525.

**Grading Status:** Letter grade.

 **ECON 495. Research Course. 1-3 Credits.**

Topic varies from semester to semester. Permission of the instructor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**ECON 496. Independent Study. 1-3 Credits.**

Permission of the director of undergraduate studies. Readings and research under the supervision of a member of the department.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 410; a grade of C or better in ECON 410 is required.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **ECON 510. Advanced Microeconomic Theory. 3 Credits.**

A treatment of topics in microeconomic theory not normally covered in ECON 410. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 511. Advanced Game Theory in Economics. 3 Credits.**

Topics in noncooperative and cooperative game theory are covered, along with a selection of applications to economics in areas such as industrial organization, international trade, public finance, and general equilibrium. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ECON 520. Advanced Macroeconomic Theory. 3 Credits.**

This course will emphasize theoretical and empirical topics such as growth, labor search, Phillips curves, stagflation, and optimal government policy. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400, 410, and 420; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 522. Macroeconomic Analysis of the Labor Market. 3 Credits.**

This course addresses all aspects of the labor market that have economy-wide relevance. Both in the long run and in the short run, the labor market is of central importance for the national economy for many key policy questions, and for individual well-being. We will cover topics such as long-term trends in income, employment, and hours worked; determinants and consequences of income inequality; and application to minimum-wage, transfer-program, fiscal-stimulus and unemployment-insurance policies.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400, 410, and 420 with a grade of C or better.

**Grading Status:** Letter grade.

**ECON 525. Advanced Financial Economics. 3 Credits.**

Building upon the foundation developed in ECON 425, students take part in each of the five steps of the asset allocation process (explore, explain, predict, allocate, and protect) by addressing the following questions. How does the modern financial economist acquire, clean, and transform data? What drives asset returns? Can we forecast returns? How do we form a portfolio in the presence of risk? How do we assess and manage risk?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, ECON 400, 410, and 425; a grade of C or better in ECON 400 and 410 is required; corequisite, ECON 493.

**Grading Status:** Letter grade.

**ECON 540. Advanced Public Finance. 3 Credits.**

Selected topics in taxation, public expenditures, and governmental transfer programs.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400, 410, and 340 or 440; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 545. Advanced Industrial Organization. 3 Credits.**

This course covers empirical and numerical techniques for the study of market power and market failure. The covered methods are commonly applied in antitrust and regulatory policy analysis, economic consulting, and quantitative marketing studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, ECON 400, 410, and 445; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 550. Advanced Health Econometrics. 3 Credits.**

Get your hands dirty with health data. Learn the econometric tools necessary for empirical analysis of health-related outcomes and behaviors. Use economic theory to construct hypotheses and use econometrics to measure effects of individual, organizational, and public policy determinants. Empirically analyze detailed data to understand medical care demand, health behaviors, and health production. Interpret statistical findings using health-related applications.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, EE- Mentored Research, QI.

**Requisites:** Prerequisites, ECON 400, 410 and 470; a grade of C- or better in ECON 470 and a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 551. Economics of Education. 3 Credits.**

This course will apply and build on existing economic theory and econometric skills to study education policy. Topics include education production, teacher quality, and investment in education, with a particular emphasis on recent policies aimed at reducing inequality. Students will learn how to conduct and how to critique empirical studies in economics of education.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Requisites:** Prerequisites, ECON 400 and 410; Co-requisite, ECON 470 or 570, or permission of instructor.

**Grading Status:** Letter grade.

**ECON 552. The Economics of Health Care Markets and Policy. 3 Credits.**

This course explores the strategic choices of insurers and health care providers, their effect patient welfare, and the role of government regulation in shaping health-care market outcomes. We will read academic papers covering topics such as moral hazard in health insurance provision, the impact of capitation on cost and quality of care, and the effect of hospital mergers on prices and insurance premiums. We will use tools from Industrial Organization and related empirical literatures.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, ECON 400, 410, and ECON 445 or 450; all with a grade of C or better.

**Grading Status:** Letter grade.

**ECON 560. Advanced International Economics. 3 Credits.**

Analysis and interpretation of selected problems and policy issues. Content varies, but attention is given to such topics as trade barriers, trade patterns, floating exchange rates, and international monetary policy.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, EE- Mentored Research, GL.

**Requisites:** Prerequisites, ECON 400, 410, and 460; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 565. Research in Development Economics. 3 Credits.**

The course is designed to advance analytical skills in the field of development economics. The course covers empirical models of development gap, economic growth, human capital, income inequality, corruption, immigration, informality, and current COVID-19 crisis.

Students will learn how researchers evaluate development policies, including tax and welfare reforms, education programs, privatization, regulation, immigration, and COVID-19-related policies. Students will improve programming skills in Stata and use real-world survey data in writing a research project.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, ECON 400 and 410 with a grade of C or better; Pre- or corequisite, ECON 470 or 570.

**Grading Status:** Letter grade.

**ECON 571. Advanced Econometrics. 3 Credits.**

Econometric models and inference methods for program evaluation. Topics include self-selection models, heterogeneous treatment effect models, differences-in-differences methods, and regression discontinuity designs.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400, 410, and ECON 470 or 570; a grade of C- or better in ECON 470 is required; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 573. Machine Learning and Econometrics. 3 Credits.**

Big data and Machine learning techniques with economic applications. Students will learn how to explore, visualize, and analyze high-dimensional datasets, build predictive models, and estimate causal effects in R. Topics include an advanced overview of linear and logistic regression, model selection and regularization, LASSO, cross-validation, experiments and causal inference, treatment effects with high-dimensional controls, difference-in-differences, networks, classification and clustering, latent variable models, bagging and the bootstrap, decision trees and random forests, deep learning, textual analysis.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, ECON 400, 410 and 470; a grade of C- or better in ECON 470 and a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**ECON 575. Applied Time Series Analysis and Forecasting. 3 Credits.**

Econometric techniques for time series data. Topics include ARMA models, forecasting, nonstationarity, conditional heteroskedasticity, and multiple equation models.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, QI.

**Requisites:** Prerequisites, ECON 400, 410 and 470; a grade of C- or better in ECON 470 is required; a grade of C or better in ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ECON 580. Advanced Labor Economics. 3 Credits.**

A theoretical and empirical analysis of labor supply, human capital, income inequality, discrimination, and labor market policies. Using real-world survey data, students will gain skills in data management, programming, and policy evaluation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, ECON 400 and 410 with a grade of C or better in both; permission of the instructor for students lacking the prerequisites ; Pre- or corequisite, ECON 470 or 570.

**Grading Status:** Letter grade.

**ECON 586. Economics and Life: Applying Economics to Life's Big Questions. 3 Credits.**

This course explores the intersection of economics and self-examination on trying to live a good life. Students will learn about economic models, empirical evidence, and economic research in the following areas: 1.) self-interest, 2.) cooperation, 3.) society, 4.) education, 5.) career, 6.) finances, 7.) marriage, and 8.) children.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in both ECON 400 and 410 is required; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ECON 590. Special Topics. 1-3 Credits.**

Topic varies from semester to semester.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ECON 595. Research Course. 1-3 Credits.**

Topic varies from semester to semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ECON 596. Independent Study. 1-3 Credits.**

Permission of the director of undergraduate studies. Readings and research under the supervision of a member of the department.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 410; a grade of C or better in ECON 410 is required.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ECON 691H. Honors Course. 3 Credits.**

Permission of the instructor. Readings in economics and beginning of directed research on an honors thesis. Required of all candidates for graduation with honors in economics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ECON 692H. Honors Course. 3 Credits.**

Permission of the instructor. Completion of an honors thesis under the direction of a member of the faculty. Required of all candidates for graduation with honors in economics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, ECON 691H.

**Grading Status:** Letter grade.

**ECON 698. Philosophy, Politics, and Economics: Capstone Course. 3 Credits.**

Permission of the department. This capstone course advances PHIL 384, focusing on such theoretical and philosophical issues as the analysis of rights or distributive justice and the institutional implications of moral forms.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Requisites:** Prerequisite, PHIL 384.

**Grading Status:** Letter grade.

**Same as:** PHIL 698, POLI 698.

## Contact Information

**Department of Economics**

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## Economics Major, B.A.

The courses leading to a B.A. degree with a major in economics comprise a large area of inquiry into the problems and structure of the economic segment of society. The curriculum provides the opportunity to achieve one or more of the following objectives:

- General education for intelligent citizenship with special emphasis on understanding the principles and problems of modern economic life
- Preparation for private employment. In pursuing this objective, supplementary courses in business administration (especially accounting courses) may be selected and integrated with the student's program.
- Preparation for government employment
- Preparation for graduate programs in economics, business administration, international studies, law, health and hospital administration, city planning, public policy, and other fields
- Specialized undergraduate programs incorporating double majors and interdisciplinary studies

## Student Learning Outcomes

Upon completion of the economics program, students should be able to:






- Define common economic concepts
- Apply these concepts to understand and analyze observed economic phenomena
- Demonstrate the ability to use empirical and econometric methods in economic analysis
- Evaluate the impact of economic phenomena on welfare and standard of living

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
ECON 101	 Introduction to Economics (with a grade of C or better) <sup>H, F</sup>	4
<b>Core Requirements</b>		
ECON 400	 Introduction to Data Science and Econometrics (with a grade of C or better) <sup>H</sup>	4
ECON 410	 Intermediate Microeconomics (with a grade of C or better) <sup>H</sup>	4
ECON 420	Intermediate Macroeconomics <sup>H</sup>	3
Four ECON courses at the 400, 500, or 600 level, with at least one course numbered ECON 500 or higher. <sup>1,3</sup>		12
<b>Additional Requirements</b>		
One calculus course chosen from: <sup>2</sup>		3-4
MATH 152	 Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	

STOR 113	Decision Models for Business and Economics
<b>Total Hours</b>	<b>30-31</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Note that 200- and 300-level courses do not count toward the major. ECON 698 will count for 400-level credit only if ECON 384 has been taken; ECON 698 alone will not count toward the major in economics.  
<sup>2</sup> The calculus course is a prerequisite for both ECON 400 and ECON 410, and ECON 400 and ECON 410 are both prerequisites for economics courses numbered above 420.  
<sup>3</sup> Students may not receive credit for both ECON 470 and ECON 570.

Note: MATH 231 is recommended for students who plan to take the calculus sequence (MATH 231, MATH 232, and MATH 233). MATH 116 is not acceptable.

An economics major may apply as many as 15 economics courses, or 45 hours, toward the B.A. degree.

Economics (ECON) course descriptions (p. 387).

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan 1




First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup> or STOR 113  Decision Models for Business and Economics or MATH 152  Calculus for Business and Social Sciences	4

ECON 101  Introduction to Economics <sup>H, F</sup>	4
<b>Hours</b>	<b>19</b>
<b>Sophomore Year</b>	
ECON 400  Introduction to Data Science and Econometrics <sup>H</sup>	4
ECON 410  Intermediate Microeconomics <sup>H</sup>	4
ECON 420  Intermediate Macroeconomics <sup>H</sup>	3
<b>Hours</b>	<b>11</b>
<b>Junior Year</b>	
ECON 4-- Two 400-level ECON electives	6
<b>Hours</b>	<b>6</b>
<b>Senior Year</b>	
ECON 4-- One 400-level ECON elective	3
ECON 5-- One 500-level ECON elective	3
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>42</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

### Sample Plan 2 (Honors Thesis Track)

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup> or STOR 113  Decision Models for Business and Economics or MATH 152  Calculus for Business and Social Sciences	4
ECON 101  Introduction to Economics <sup>H, F</sup>	4
<b>Hours</b>	<b>19</b>
<b>Sophomore Year</b>	
ECON 400  Introduction to Data Science and Econometrics <sup>H</sup>	4
ECON 410  Intermediate Microeconomics <sup>H</sup>	4
ECON 420  Intermediate Macroeconomics <sup>H</sup>	3
<b>Hours</b>	<b>11</b>
<b>Junior Year</b>	
ECON 4-- Two 400-level ECON electives	6

ECON 470	 Econometrics <sup>H</sup>	3
<b>Hours</b>		<b>9</b>
<b>Senior Year</b>		
ECON 691H	 Honors Course	3
ECON 692H	 Honors Course	3
<b>Hours</b>		<b>6</b>
<b>Total Hours</b>		<b>45</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Special Opportunities in Economics

### National University of Singapore Joint Degree Program

UNC–Chapel Hill undergraduates can spend between two and four semesters at the National University of Singapore (NUS) and receive a joint bachelor of arts degree with a major in economics from both institutions. Qualified UNC–Chapel Hill students will have at least a 3.3 grade point average and can apply for the joint degree beginning in the second semester of their first year until the second semester of their junior year. UNC joint-degree students can decide how many semesters (between two and four) and at which point in their undergraduate career they would like to study at NUS, as long as it is after their first year at Carolina.

A minimum of 120 credit hours is required for graduation. They consist of a total of 60 hours in the major (including as many as six to 12 hours of honors work if applicable) and 45 hours of General Education requirements. The remaining 15 hours consist of electives, the Supplemental General Education requirement, and possibly one minor. All General Education and graduation requirements of both UNC–Chapel Hill and NUS must be met. A detailed listing of the requirements for both schools and how to satisfy those requirements is available at the UNC Study Abroad Office.

### Honors in Economics

The Department of Economics honors program offers outstanding economics students the opportunity to work closely with an individual faculty member on a specialized research topic of the student's choice during the senior year. Generally, students with a 3.5 grade point average in economics courses and 3.3 in all University coursework may be invited to participate in this two-course program (ECON 691H and ECON 692H).

In the first semester (ECON 691H), students become familiar with the recent literature on topics of major interest. Each candidate formulates an honors thesis proposal and initiates work on the project. In ECON 692H, the thesis work is conducted under the supervision of a faculty advisor who is a specialist in the general topic area of the research.



Near the end of the second semester (ECON 692H), the student stands for an oral examination on the thesis. Upon successful completion of the program, the student receives the bachelor of arts degree with honors or

with highest honors. Students in the honors program are also required to complete at least an eight-course major rather than the minimum seven courses, including ECON 691H and ECON 692H.

## The DATA (Data-Acumen-Theory-Application) Science Credential in Economics

The DATA Science Credential in Economics provides experience in combining data skills with foundational knowledge of economics to frame and solve economic questions using real data from finance, industry, government, health, and environment, among others.

Students will be introduced to programming languages (e.g., R/Python) commonly used in applications of data science, and practical data skills: collecting, scraping, cleaning, merging, processing, and visualizing data, descriptive analysis, optimization, and supervised/unsupervised statistical learning.

Code	Title	Hours
<b>To earn a credential a student should complete three courses:</b>		
ECON 390	Special Topics (Economic Applications of Data Science)	3
ECON 470	 Econometrics <sup>H</sup>	3
ECON 573 or ECON 575	 Machine Learning and Econometrics Applied Time Series Analysis and Forecasting	3
<b>Total Hours</b>		<b>9</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Seminars

Attendance at seminars of invited speakers from industry (~3 per semester) to learn about practice of data science, and to provide opportunities for career networking.


## Credential in Quantitative Financial Economics (QFE)

(This program WILL NOT be offered in 2022–2023)

The QFE credential provides students with both the theoretical knowledge of financial markets and the practical experience of financial-market transactions. This combination of classroom study and practical application leads to a more detailed and profound understanding of the economics of financial markets.

The QFE credential also introduces students to the tools and skills necessary to be effective financial-market participants in their post-graduate lives. Students acquire a familiarity with the general workings of the financial market and its connections to the real economy. They also acquire fluency in asset pricing and portfolio allocation, with a special emphasis on the quantitative tools necessary for estimation, testing, and optimization. Students are exposed to advanced quantitative tools such as Matlab, structured data storage, computational clusters, and API's for real-time data extraction.

Code	Title	Hours
<b>To earn the credential a student must complete three courses:</b>		
ECON 425	Financial Economics	3
ECON 493	Practicum in Quantitative Financial Economics	1

ECON 525	 Advanced Financial Economics	3
<b>Total Hours</b>		<b>7</b>

## Departmental Involvement

### Clubs

Undergraduates in economics have organized two active clubs, the Carolina Economics Club (CEC) and the Women in Economics (WIE) Club. Seminars, resumé workshop, social activities, case competition, and greater interaction among students and with faculty have resulted from the formation of these ongoing organizations. All majors are invited to participate in the activities of these organizations.

### Competitions

The Fed Challenge Competition conducted by the Board of Governors of the Federal Reserve System is an opportunity for students to participate in a competition where they can apply their skills from courses in the economics major. Each year, a team of three to five advanced students undertakes research and data analysis on U.S. monetary policy under faculty supervision to participate in the annual competition.

The Federal Deposit Insurance Corporation (FDIC) Challenge is a faculty supervised opportunity for students to use their data analysis and research skills to analyze data on financial institutions and economic variables and present the results in the annual competition.

### Honor Society

The local chapter of Omicron Delta Epsilon, the national economics honor society, annually extends membership to those outstanding junior and senior economics majors who have demonstrated strong academic performance both overall and in their economics courses.

## Summer Research Opportunities

Funded faculty-led research opportunities are available through the following grants:

- The Guest Family Fund for Excellence in Economics
- Ryan Wesslen Fund
- Mayo Grant for Research in Financial Economics
- The Minority Research Fund

## Study Abroad Opportunities

There are two study abroad opportunities offered through the economics department: Exploring Economies in Scandinavia and UNC Economics in Croatia.

Exploring Economies in Scandinavia exposes students to economic concepts by exploring and experiencing Stockholm's history and culture through an economic lens. This course complements study in political science, business, sociology, women's and gender studies, health policy and management, public policy, etc.

UNC Economics in Croatia is a six-week experience where students are immersed in the life and culture of Split, Croatia. Students take two courses at the University of Split and visit a number of surrounding areas, including the Istrian Peninsula, the birthplace of sports tourism in Croatia.

## Adventures in Economics

Andrew Pike, a UNC graduate with a degree in economics, created this fund to encourage students to explore application of the economics

curriculum through life experience. Adventures could include attending a conference on economic topics, making a trip to interview someone you have learned about in an economics course, do research at the Library of Congress, or any other experience related to economics.

## EconAid Center

The EconAid Center provides free, drop-in tutoring with undergraduate peer tutors, for students in the core economics courses (101, 400, 410, and 420) as well as select upper-division economics courses. It is also a space for professors, TAs, and ULAs to hold office hours and help sessions as well as a general study space for economics students.

## Undergraduate Awards

Each spring the Chancellor awards the Undergraduate Prize in Economics to the undergraduate student majoring in economics who has been judged the most outstanding on the basis of major and related course performances.

## Department Programs

### Major

- Economics Major, B.A. (p. 396)
- Economics Major, B.S. (p. 399)

### Minor

- Entrepreneurship Minor (p. 401)

### Graduate Programs

- M.S. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics/>)
- Ph.D. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics/>)

## Contact Information

### Department of Economics

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### Chair

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### Director of Undergraduate Studies

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### Undergraduate Student Services Manager

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## Economics Major, B.S.

The B.S. degree in economics provides an overview of methods for studying activity and outcomes in market settings and beyond, considers the impact of public policy and business activity through the lens of economic models, and covers techniques in quantitative and data

analysis that are the foundation of modern economic analysis. Relative to the B.A. degree in economics, the B.S. degree puts a greater emphasis on quantitative methods and student-conducted economic research, and it includes additional training beyond the B.A. degree. The B.S. degree is interdisciplinary, with required courses from mathematics, statistics and computer science. The B.S. major is classified as a STEM program with CIP code 45.0603.

This major provides the opportunity to achieve one or more of the following objectives:

- General education for intelligent citizenship with special emphasis on economic principles and the quantitative methods that economists use in applied analysis.
- Preparation for private employment, including finance, marketing, consulting, and data analytics.
- Preparation for government employment, with emphasis on methods to analyze the impacts of public policy.
- Preparation for graduate programs in economics, business administration, data analytics, international studies, law, health and hospital administration, city planning, public policy, and other fields.
- Creation of double majors and interdisciplinary majors with other STEM disciplines.

## Student Learning Outcomes

Upon completion of the economics program, students should be able to:




- Define common economic concepts
- Apply these concepts to understand and analyze observed economic phenomena
- Demonstrate the ability to use empirical and econometric methods in economic analysis
- Evaluate the impact of economic phenomena on welfare and standard of living






## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Requirement</b>		
ECON 101	 Introduction to Economics (with a grade of C or better) <sup>H, F</sup>	4
<b>Core Requirements</b>		
ECON 400	 Introduction to Data Science and Econometrics (with a grade of C or better) <sup>H</sup>	4
ECON 410	 Intermediate Microeconomics (with a grade of C or better) <sup>H</sup>	4

ECON 420	Intermediate Macroeconomics <sup>H</sup>	3
ECON 470	 Econometrics <sup>H</sup>	3
Five ECON courses at the 400, 500, or 600 level, with at least two numbered 500 or higher <sup>1, 3</sup>		15
<b>Additional Requirements</b>		
MATH 231	 Calculus of Functions of One Variable I <sup>2, H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
Select two of the following:		6
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	
or COMP 111 Introduction to Scientific Programming		
MATH 347	Linear Algebra for Applications	
MATH 381	Discrete Mathematics <sup>H</sup>	
STOR 415	Introduction to Optimization	
STOR 435	Introduction to Probability	
or STOR 535 Probability for Data Science		
<b>Total Hours</b>		<b>51</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.



<sup>1</sup> Note that 200- and 300-level courses do not count toward the major. ECON 698 will count for 400-level credit only if ECON 384 has been taken; ECON 698 alone will not count toward the major in economics.

<sup>2</sup> The calculus course is a prerequisite for both ECON 400 and ECON 410, and ECON 400 and ECON 410 are both prerequisites for economics courses numbered above 420.

<sup>3</sup> Students may not receive credit for both ECON 470 and ECON 570.



## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
ECON 101	 Introduction to Economics <sup>H, F</sup>	4
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
<b>Hours</b>		<b>8</b>





**Spring Semester**

MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
ECON 400	 Introduction to Data Science and Econometrics <sup>H</sup>	4


**Hours** 8

**Sophomore Year****Fall Semester**

ECON 410	 Intermediate Microeconomics <sup>H</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4

**Hours** 8

**Spring Semester**

ECON 420	Intermediate Macroeconomics <sup>H</sup>	3
ECON 470	 Econometrics <sup>H</sup>	3

**Hours** 6

**Junior Year****Fall Semester**

ECON ---	Economics elective course <sup>1</sup>	3
ECON ---	Economics elective course <sup>1</sup>	3

**Hours** 6

**Spring Semester**

ECON ---	Economics elective course <sup>1</sup>	3
Non-ECON elective course		3

**Hours** 6

**Senior Year****Fall Semester**

ECON ---	Economics electives course <sup>1</sup>	3
Non-ECON elective course		3

**Hours** 6

**Spring Semester**

ECON ---	Economics elective course <sup>1</sup>	3
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**Hours** 3

**Total Hours** 51

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> The ECON elective courses must be at the 400-level and above, including two at the 500-level.

See the program page here (p. 398) for special opportunities.

## Department Programs

**Major**

- Economics Major, B.A. (p. 396)
- Economics Major, B.S. (p. 399)

**Minor**

- Entrepreneurship Minor (p. 401)

**Graduate Programs**

- M.S. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics/>)
- Ph.D. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics/>)

## Contact Information

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## Entrepreneurship Minor

This minor is designed for students who wish to major in another discipline but who have an interest in the process of entrepreneurship. Entrepreneurship is the mechanism by which new products, services, and organizational processes are identified, refined, and ultimately realized as a sustainable part of the society. There is a common process for realizing all types of ventures. The minor will provide the student with the background to undertake entrepreneurial activity in the business, social, artistic, or scientific realm. The venture workshop course requirement allows students to select an area of focus from among topics including commercial, media, social, arts, science, marketing, sports, computer science, and public health. An internship opportunity is a key component of the minor.











Students must apply to and be admitted to the Shuford program minor in entrepreneurship. Information on this application process is available on the program website (<https://shuford.unc.edu/the-application/>).

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor consists of five courses:

Code	Title	Hours
<b>Core Requirements</b>		
One principles of economics course:		3-4
ECON 101	 Introduction to Economics (with a grade of C or better) <sup>H,F</sup>	
ECON 111	 The Economics of Entrepreneurship and Innovation (with a grade of C or better) <sup>1</sup>	
One principles of entrepreneurship course:		3
ECON 125	 Introduction to Entrepreneurship <sup>1,H</sup>	
ECON 57H	 First-Year Seminar: Constructing Your Own Venture <sup>1</sup>	
The core course in entrepreneurship:		3
ECON 325	 Entrepreneurship: Principles, Concepts, Frameworks, and Fluency <sup>1,H</sup>	
One track course: <sup>2</sup>		3
COMP 325	How to Build a Software Startup	
ECON 327	 Venture-Creation Workshop (sections in commercial, arts, science, sports, and media tracks.) <sup>1,H</sup>	
ENEC 473	 Business and Finance Fundamentals for Change Makers	
MEJO 592	Workroom FashionMash Product Design	
PLCY 326	Social Entrepreneurship <sup>H</sup>	
SPHG 428H	 Public Health Entrepreneurship	
SOCI 302	Fieldwork in Entrepreneurship	
SOCI 427	 The Labor Force	
Capstone course:		
ECON 393	 Practicum in Entrepreneurship <sup>1,H</sup>	3
<b>Additional Requirements</b>		
Complete a 320-hour internship with a start-up or employer approved by the internship coordinator of the minor.		
<b>Total Hours</b>		<b>15-16</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> ECON 57H, ECON 111, ECON 125, ECON 325, ECON 327, and ECON 393 cannot be counted toward an economics major.

<sup>2</sup> The minor in entrepreneurship anticipates adding additional track courses. For a complete listing of these courses contact the Minor in Entrepreneurship office. One track course must be taken for students to complete the minor. Students are able to take more than one track course for elective credit and hours toward graduation.

It is also possible to complete the entrepreneurship minor through completing one economics course and then a one-semester Shuford

Away program in Silicon Valley (California) or London. These are programs run jointly with Honors Carolina. To learn more, contact the Minor in Entrepreneurship office.

For more information, visit the Minor in Entrepreneurship website (<https://shuford.unc.edu/>).

## Department Programs

### Major

- Economics Major, B.A. (p. 396)
- Economics Major, B.S. (p. 399)

### Minor

- Entrepreneurship Minor (p. 401)

### Graduate Programs

- M.S. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics/>)
- Ph.D. in Economics (<http://catalog.unc.edu/graduate/schools-departments/economics/>)

## Contact Information

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## Department of English and Comparative Literature

### Introduction

The Department of English and Comparative Literature is a vibrant and diverse department with a global reach. Our course offerings present a diversity of approaches to the study, production, and appreciation of literary and nonliterary texts. We pursue a four-fold mission to:

1. explore the history and significance of American, British, and world literatures;
2. promote interdisciplinary connections and incorporate the study of culture, theory, and history into our research and courses;
3. offer training in rigorous thinking, precise analysis, and critical reading; and
4. foster practical skills in rhetoric, composition, and expression in essays, creative pieces, even emerging forms of digital media.

### Majors

- English and Comparative Literature Major, B.A. (p. 441)

### Minors

- Comparative Literature Minor (p. 449)
- Composition, Rhetoric, and Digital Literacy Minor (p. 450)
- Creative Writing Minor (p. 451)
- English Minor (p. 454)
- Global Cinema Minor (p. 455)
- Latina/o Studies Minor (p. 456)
- Medicine, Literature, and Culture Minor (p. 458)

### Graduate Programs

- Ph.D. in English and Comparative Literature ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English))
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English))

## Professors

Daniel Anderson, David J. Baker, A. Reid Barbour, Marsha Collins, María DeGuzmán, Florence Dore, Eric S. Downing, Mary Floyd-Wilson, Philip Gura, Jordynn Jack, Heidi Kim, Laurie Langbauer, Michael A. McFee, Jeanne Moskal, Eliza Richards, Bland Simpson, Jane F. Thrailkill, Joseph S. Viscomi, Daniel Wallace, Jessica Wolfe.

## Associate Professors

Inger S. Brodey, Gabrielle Calvocoressi, Danielle Christmas, Pamela Cooper, Tyler Curtain, Candace Epps-Robertson, Rebecka Rutledge Fisher, Gregory Flaxman, Stephanie Elizondo Griest, Ylce Irizarry, Martin Johnson, Meta DuEwa Jones, Shayne Legassie, Theodore H. Leinbaugh, Inga Pollmann, Kimberly Stern, Matthew Taylor, Rick Warner.

## Assistant Professors

Gabriel Bump, Taylor Cowdery, H.M. Cushman, Tyree Daye, Stephanie DeGooyer.

## Teaching Professors

Leslie Frost, Bradley Hammer, David Ross.

## Teaching Associate Professors

Marc Cohen, Elyse Crystall, Cynthia Current, S. Michael Gutierrez, Hilary Lithgow, Courtney Rivard, Henry Veggian, Wendy Weber.

## Teaching Assistant Professors

Sarah Boyd, Graham Culbertson, Joseph Fletcher, Michael Gadaletto, Steven Gotzler, Kendra Greene, Elizabeth Gualtieri-Reed, Destiny Hemphill, Sophia Klahr, Matthew O'Wain, Soren Palmer, Ruby Pappoe, Shane Peterson, Adam Price, Hill Taylor, Joseph Telegen, Karen Tucker, Angela Velez, Kym Weed-Buzinski, Ross White.

## Adjunct Professors

Hassan Melehy, Morgan Pitelka, Michael Silk.

## Adjunct Associate Professors

Terrence Holt, Sharon James, Pamela Lothspeich, Timothy Marr, Alicia Rivero, Yaron Shemer, Gabriel Trop, Ariana Vigil, Robin Visser, Nadia Yaqub.

## Adjunct Assistant Professors

Janice Koelb, Petal Samuel.

## Professors Emeriti

William L. Andrews, Christopher M. Armitage, Laurence G. Avery, James W. Coleman, Jane M. Danielewicz, Alan C. Dessen, Rosa Palmer Durban, Connie C. Eble, Kathleen Flanagan, Joseph M. Flora, Marianne Gingham, Larry Goldberg, J. Lee Greene, Minrose Gwin, William R. Harmon, Howard M. Harper Jr., Trudier Harris, Mae Henderson, Fred Hobson, Susan Irons, Randall Kenan, Clayton Koelb, Ritchie D. Kendall, George A. Kennedy, Edward D. Kennedy, Joy S. Kasson J. Kimball King, George S. Lensing Jr., Diane R. Leonard, Allan R. Life, Erika Lindemann, C. Townsend Ludington Jr., G. Mallary Masters, Megan Matchinske, John P. McGowan, Lawrence Naumoff, Margaret A. O'Connor, Patrick P. O'Neill, Maggie O'Shaughnessey, Daniel W. Patterson, Julius R. Raper III, Mark L. Reed, Thomas J. Reinert, Richard D. Rust, Ruth Salvaggio, James Seay, Alan R. Shapiro, Richard A. Smyth, Philip A. Stadter, Thomas A. Stumpf, Beverly Taylor, James Thompson, Weldon E. Thornton, Linda Wagner-Martin, David Whisnant, Joseph S. Wittig, Charles G. Zug III.

## CMPL—Comparative Literature

### Undergraduate-level Courses

 **CMPL 55. First-Year Seminar: Comics as Literature. 3 Credits.**

Comic books, Manga, and the graphic novel have almost vanished from the realm of serious literature. Recently, graphic literature has addressed controversial topics and reached readers across the globe. We will explore graphic literature's unique ability to be a medium for the marginal and oppressed in the 21st century.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**CMPL 62. Curiosity and the Birth of the Imagination. 3 Credits.**

This is a first-year seminar that analyzes the changing values and relationship of curiosity and the imagination over time. We will examine literary texts and cultural artifacts (maps, paintings, chronicles, instruments of discovery, and more) to study how attitudes towards curiosity and imagination have evolved over time, and how working together, they now fuel invention, innovation, and artistic achievement. Authors studied include Apuleius, Cervantes, Galileo, Mary Shelley, and more. Reserved for First-Year students only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**CMPL 89. First-Year Seminar: Special Topics. 3 Credits.**

Specials topics course. Content will vary each semester.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**CMPL 120. Great Books I: Epic and Lyric Traditions. 3 Credits.**

Fulfills a major core requirement. Major works of literature central to the formation of Western culture from antiquity to 1750. Considers epic, lyric, drama, and prose; core authors such as Homer, Virgil, Dante, and Milton.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CMPL 121. Great Books I: Romancing the World. 3 Credits.**

Fulfills a major core requirement. This course focuses on the literary mode of romance, with particular attention to cross-cultural contact and exchange from classical antiquity to the present in both European and non-European literature. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CMPL 122. Great Books I: Visual Arts and Literature from Antiquity to 1750. 3 Credits.**

This course offers students a survey of mutually supportive developments in literature and the visual arts from classical antiquity until around 1700. Fulfills a major core requirement. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CMPL 123. Great Books I: Politics and Literature from Antiquity to 1750. 3 Credits.**

Fulfills a major core requirement. This course examines comparative literary texts in literature and political philosophy in the context of developments in political thought and practice from classical Greece through the French Revolution.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CMPL 124. Great Books I: Science and Literature from Antiquity to 1750. 3 Credits.**

Fulfills a major core requirement. This course examines developments in literary and scientific thought, including the literary depiction of the disciplines of natural philosophy, including magic, cosmology, natural history, and physiology.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CMPL 130. Great Books II. 3 Credits.**

Fulfills a major core requirement. An introduction to some of the major texts of 19th- and 20th-century literature, focusing on periods of romanticism, realism, and modernism and with some attention given to parallel developments in the arts and philosophy. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**CMPL 131. Great Books II: Savage, Native, Stranger, Other. 3 Credits.**

Fulfills a major core requirement. Using readings in literature and philosophy, as well as film screenings, this course explores comparative literature's reconciliation over time of its own, predominantly Western, lineage with other non-Western textual traditions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**CMPL 132. Great Books II: Performance and Cultural Identity in the African Diaspora. 3 Credits.**

Fulfills a major core requirement. The focus of this course is inquiry into how we theorize the existence of the African diaspora, cultural identity/-ies, and the role that performance plays in the articulation of experiences.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**CMPL 133. Great Books II: Imaging the Americas from the Late 18th Century to the Present. 3 Credits.**

Fulfills a major core requirement. This course studies the intersection between word and image, especially verbal and photographic cultural production, in the representation of the Americas in the hemispheric sense from the mid-18th century to present.

**Rules & Requirements**


**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

 **CMPL 134. Great Books II: Travel and Identity. 3 Credits.**

Fulfills a major core requirement. Introduces students to representative literary and intellectual texts from 1750 to the present and to relevant techniques of literary analysis. Works originally written in foreign languages are studied in translation. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **CMPL 142. Visual Culture II. 3 Credits.**

Fulfills a major core requirement. This course surveys the visual arts, in particular painting and photography, from roughly 1750 to the present. Pictorial traditions, styles, and genres (as well as the traditions of critical writing that respond to them) will be considered from a proto-cinematic perspective. Theater and the novel may also be examined comparatively.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **CMPL 143. History of Global Cinema. 3 Credits.**

This course is designed to introduce students to the field of global cinema and, thence, to the methods of comparativist film study.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

 **CMPL 144. Engaging Film and Media. 3 Credits.**


This viewing-intensive course introduces students to topics and traditions in film and other media.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

 **CMPL 150. Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship. 3 Credits.**


Why do we laugh, cry, cringe, or scream at the movies? We will study emotionally intense genres such as melodrama, comedy and horror to think about effective responses to films. Students practice film analysis, gain an overview over genre cinema, and study approaches to emotion, affect, and the body.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

 **CMPL 180. Race and Ethnicity in Hollywood Productions and Beyond. 3 Credits.**

Studies in African American, Asian American, Hispanic American, Native American, Anglo-Indian, Caribbean, and other films that touch on themes of race and ethnicity in the American context.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**CMPL 198H. Literature in Eastern Europe. 3 Credits.**

An introduction to the literatures of Eastern Europe, including consideration of political influences on literary creation within different cultural traditions.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **CMPL 212. The Cinematic City. 3 Credits.**

This course traces the interconnected evolutions of cinema and modern urban life. Versions of the course may address the problem of the city in the abstract or focus on how filmmakers have treated one or more specific cities (New York, Hong Kong, Cairo, Buenos Aires, Rome, Mexico City, Mumbai, Tokyo, etc.).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

 **CMPL 220. Global Authors: Jane Austen. 3 Credits.**

Fulfills a major core requirement. This course examines the fiction of Jane Austen and her literary and cultural influence across the globe. We will see echoes of Austen in novels and films from around the world and explore how her work transcends generational, cultural, and geographical boundaries. What is the secret of her global appeal? Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**CMPL 223. Global Authors: Cervantes. 3 Credits.**

Fulfills a major core requirement. Close study of Cervantes' Don Quixote, its reception and impact on varied works of world literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CMPL 225. Global Authors: The Worlds of Shakespeare. 3 Credits.**

Fulfills a major core requirement. Recommended preparation, ENGL 225 or familiarity with at least four Shakespeare plays. Explores the afterlife of Shakespeare's plays from a transnational and multidisciplinary perspective, paying attention to the ways in which several of his plays have been dislocated and reconstituted for different audiences and different artistic and political aims.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**CMPL 227. Global Authors: The Middle Ages in World Cinema. 3 Credits.**

Traces major points of convergence among the thematic concerns of medieval literature, global cinema, and academic constructions of "the Middle Ages." Considers the aesthetic and technological development of film and of medieval painting, sculpture, and dramatic performance.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**CMPL 230. Global Crusoe: The Desert-Island Idea in Film and Fiction. 3 Credits.**

The desert-island scenario involves a sophisticated and culturally central thought experiment in which the constraints of history and society are suspended and human nature is exposed in its essence. This course considers the permutations of this scenario in film and fiction from around the world.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**CMPL 232. Imagining the City in Modern Korea: Text, Image, Space. 3 Credits.**

This course introduces students to modern Korea through the lens of the city. It explores the changing shape of urban space on the Korean peninsula as well as the central role that visions of the city and of city life have played in the development of modern Korean literature, television, and film.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** KOR 232.

**CMPL 237. Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures. 3 Credits.**

This course introduces students to the history of North and South Korean film and television through the lens of gender and sexuality. In so doing, it explores the multiple forms of the Korean self and the diverse shapes that Korean identity has taken across the modern and contemporary eras.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** KOR 237, WGST 237.

**CMPL 238. From Martial Arts to Street Dance: Rebellion with Chinese Characteristics. 3 Credits.**

This course leverages the trope of martial arts to examine forms of resistance and counterculture in the Chinese-speaking world. Contextualizing visual representations of martial arts within moments of profound sociopolitical transformations in China and beyond, we will explore the many complexities and dilemmas of political action, in particular the tension between justice and violence, emotion and motion, self-assertion and self-sacrifice, traditional chivalry and radical commitment, as well as between local allegiance and transnational alliance.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**Same as:** CHIN 238.

**CMPL 240. Introduction to Film Theory. 3 Credits.**

This course introduces students to debates in classical and post-classical film theory. Likely topics include medium specificity; the ideological functions of narrative cinema; film theory's investments in psychoanalysis, linguistics, semiotics, and phenomenology; the advent of digital media; feminism; national and transnational cinema; spectatorship; authorship; genre theory; and film and philosophy.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**CMPL 246. Body Politics in Modern Korean Literature. 3 Credits.**

This course surveys twentieth- and early twenty-first-century Korean literature through the lens of representations of the body. Bringing together works of fiction, poetry, drama, and secondary scholarship, it explores how modern Korean literature has imagined the body, defined its multiple natures and identities, and delineated its shifting boundaries. Honors version available.


**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** KOR 346.

 **CMPL 247. Indigenous Spiritualities in Literatures of China and Taiwan. 3 Credits.**

This course examines spiritual motifs in Asian literature by Indigenous writers in China and Taiwan. Works by Tibetan, Mongol, Uyghur, Kazakh, Bunun, Tao, Hui, Yi, and Wa writers express spiritual principles from a wide variety of beliefs and cosmologies, including Tibetan and Mongolian Buddhism, Islam, Shamanism, Animism, and Christianity. As forced assimilation threatens native languages and cultural heritage, Indigenous writers function as "priests of culture," providing spiritual inspiration by lyrically evoking powers beyond the human. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.


**Grading Status:** Letter grade.

**Same as:** CHIN 247.

 **CMPL 250. Approaches to Comparative Literature. 3 Credits.**

This communications-intensive course familiarizes students with the theory and practice of comparative literature: the history of literary theory; translation; and literature combined with disciplines such as music, architecture, and philosophy. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

 **CMPL 251. Introduction to Literary Theory. 3 Credits.**

Familiarizes students with the theory and practice of comparative literature. Against a background of classical poetics and rhetoric, explores various modern literary theories, including Russian formalism, Frankfurt School, feminism, psychoanalysis, deconstruction, new historicism, and others. All reading in theory is paired with that of literary texts drawn from a wide range of literary periods and national traditions.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

 **CMPL 252. Popular Culture in Modern Southeast Asia. 3 Credits.**

This course examines popular culture in Southeast Asia as a response to colonialism, nationalism, modernization, the state, and globalization. Topics include theater, film, pop songs, television, rituals, and the Internet.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** VP, BN.


**Grading Status:** Letter grade.

**Same as:** ASIA 252.

 **CMPL 254. Horror and the Global Gothic: Film, Literature, Theory. 3 Credits.**

This course traces the development of horror in film and writing from the 18th-century European novel to contemporary Asian film. Theoretical readings will embrace a range of disciplines, from literary and film theory to anthropology, feminism and gender studies, and psychoanalysis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **CMPL 255. The Feast in Film, Fiction, and Philosophy. 3 Credits.**

Comparative and interdisciplinary study of feasting and its philosophical underpinnings, with special attention to the multiple purposes and nuances of food and feasting in literature, film, and the visual arts. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** ASIA 255.

 **CMPL 256. Love in Classical Persian Poetry. 3 Credits.**

We will examine the binaries of sacred and profane love, transgression and the law, self and the other, human diversity and inclusiveness in classical Persian poetry. We will explore the intersections of class, gender, sexuality, religion, etc. We will explore the poems inside their historical, cultural, and social contexts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, CI, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 256.

 **CMPL 257. The Crisis of Modernity in World Cinema. 3 Credits.**

This course surveys world cinema in the attempt to identify the disjunctions that sever past and present. This course will ask the most basic questions: What is the nature of modernity? What are the challenges of modernity? How does the modern experience differ across the globe?

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

 **CMPL 258. Iranian Prison Literature. 3 Credits.**

This course explores literature written in prisons, particularly under the Islamic Republic. Students will read documents to understand human rights (and violations thereof) from a historical perspective. Since literature, film, philosophy, and theory offer invaluable perspectives, we will examine their contributions in the reflection on human rights in Iran's prisons.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER, COMMBEYOND.

**Making Connections Gen Ed:** LA, BN, CI.


**Grading Status:** Letter grade.

**Same as:** ASIA 258.

 **CMPL 259. Ideology and Aesthetics: Marxism and Literature. 3 Credits.**

This seminar provides students with a general introduction to Marxist thought with particular attention to its critical importance for interpreting the role of ideology in modern literature. Readings and class discussions in English. Previously taught as GSLL 251.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** HS, GL.


**Grading Status:** Letter grade.

**Same as:** GSLL 259.

 **CMPL 260. Landscape: Re-Imagining the Natural World. 3 Credits.**

Explores how human interaction with the natural world is represented in the literary, visual, and performing arts from Roman fresco to the ecological art and fiction of the 21st century. Students conduct mentored research at Ackland Art Museum with peer and faculty feedback at every stage.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, CI, EE- Mentored Research.

**Grading Status:** Letter grade.

 **CMPL 261. India through Western Eyes. 3 Credits.**

Examines Western views of India and Indian culture and how these views differ from the way Indians in India and Indian immigrants in the West understand themselves and express their relationship to India through novels and travelogues.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 261.

 **CMPL 262. Film and Politics. 3 Credits.**

This course investigates the complex relations between cinema and politics in particular national and/or global contexts. Examining not merely films with narratives about politically charged themes but also the political and ideological nature of filmic representation itself, this course focuses on questions that link politics and aesthetics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

 **CMPL 263. European Exile Cinema. 3 Credits.**

This course examines the work of one or several film directors who went into exile during the Third Reich to discuss: How does the experience of exile influence film style? What are theories and histories of exile and exile cinema, and how do they relate to other approaches to film, via national film histories, genre, style, etc.? How does a biography of exile relate to so-called auteur theory? Readings and Discussions in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** GERM 263.

**CMPL 266. Weimar Cinema. 3 Credits.**


Explores important German films of 1919 to 1933, locating them in their artistic, cultural, and historical context. Treats the contested course of Weimar film history and culture and provides a theoretically informed introduction to the study of film and visual materials. Films with English subtitles; readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.


**Grading Status:** Letter grade.

**Same as:** GERM 266.

 **CMPL 267. Contemporary German and Austrian Cinema. 3 Credits.**

Examines exciting new directions in German and Austrian cinema from the past 20 years. By analyzing weekly films, students develop skills in film analysis and criticism; read reviews, interviews, and film-theoretical texts; write a film review; and produce a critical essay. Films with English subtitles; readings and discussions in English. Students may not receive credit for both GERM 267 and 367.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**Same as:** GERM 267.

**CMPL 269. Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks. 3 Credits.**

This course examines the roles and representations of Jews in the world of the theater from Shakespeare's *The Merchant of Venice* to the present, considering dramas, operas, musicals, film adaptations, and films. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**Same as:** GSLL 269, JWST 269.

**CMPL 270. German Culture and the Jewish Question. 3 Credits.**

A study of the role of Jews and the "Jewish question" in German culture from 1750 to the Holocaust and beyond. Discussions and texts (literary, political, theological) in English. Previously offered as GERM 270.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** GSLL 270, JWST 239, RELI 239.

**CMPL 271. Women in German Cinema. 3 Credits.**

Introduction to feminist aesthetics and film theory by the examination of the representation of women in German cinema from expressionism to the present. All materials and discussions in English. Previously offered as GERM/WGST 250.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** GERM 271, WGST 271.



**CMPL 272. History of German Cinema. 3 Credits.**

This course explores the major developments of German cinema. All films with English subtitles. Readings and discussions in English. Previously offered as GERM 275.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** GERM 272.

**CMPL 275. Literature of Pilgrimage. 3 Credits.**

Analyzes literature of pilgrimage, a literal or figurative journey of transformation, from a variety of times and cultures from classical antiquity to the present, including such works as Apuleius' Golden Ass, Cervantes' Persiles, and Basho's Narrow Road to the Deep North.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**CMPL 277H. Myth, Fable, Novella: The Long History of the Short Story. 3 Credits.**

Traces the development of European short fiction from the 12th through the 17th centuries, taking brief looks backward toward the ancient world and forward to the modern short story.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CMPL 279. Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now. 3 Credits.**

Considers fairy tales from several different national traditions and historical periods against the backdrop of folklore, literature, psychoanalysis, and the socializing forces directed at children. Students may not receive credit for both GERM 279/CMPL 279 and GSLL 54.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** GERM 279.

**CMPL 280. Film Genres. 3 Credits.**

This course introduces students to the methods of genre theory and analysis as they pertain to cinema. The course may either provide a survey of several different genres or examine a particular genre in depth as it has evolved historically. National and/or transnational dimensions of popular genres may be emphasized.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**CMPL 281. Holocaust Cinema in Eastern Europe. 3 Credits.**

A critical look at varieties of cinematic representation and memorialization of the Holocaust, from those countries of Europe where it mostly took place. Taught in English. All films in (or subtitled in) English. Previously offered as SLAV 281.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**Same as:** GSLL 281.

**CMPL 282. Russian Literature in World Cinema. 3 Credits.**

Survey of masterpieces of Russian literature in the context of their cinematic adaptations. Lectures and readings in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** RUSS 282.

**CMPL 288. Graphic Medicine: The Intersection of Health and Comics. 3 Credits.**

We will explore the unique possibilities of comics in the form of graphic medicine: namely comics that thematize physical and mental health. How do comic artists work through issues of trauma and pain? How do artists with chronic illness and disabilities articulate their experience through comics? This course engages with the Medical Humanities, seeking to bring together students of medicine along with students of the humanities to contemplate how we communicate physical and mental illness.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** GSLL 288.

**CMPL 317. Myth, Fable, Novella: The Long History of the Short Story. 3 Credits.**

Traces the development of European short fiction from the 12th through the 17th centuries, taking brief looks backward toward the ancient world and forward to the modern short story. Previously offered as CMPL 277. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**CMPL 359. Literary Diasporas of the Middle East. 3 Credits.**

Analyzing the relationship between the diaspora communities and their new surroundings by drawing on theories of migration, narration, and identity, we will examine the literature born out of this discourse. We will shed light on the historical, cultural, and aesthetic value of this literary production in the Middle East.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** ASIA 359.

**CMPL 364. The Classical Background of English Poetry. 3 Credits.**

Study of classical writers' influence on selected genres of English poetry. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CLAS 364.

**CMPL 374. Modern Women Writers. 3 Credits.**

The development of a women's literary tradition in the works of such writers as George Sand, George Eliot, Isak Dinesen, Colette, Virginia Woolf, Gertrude Stein, Marguerite Duras, Nathalie Sarraute, Marguerite Yourcenar.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 373.

**CMPL 375. New Wave Cinema: Its Sources and Its Legacies. 3 Credits.**

This course surveys European "new wave" cinemas post-1945. Movements in Italy, France, the Czech Republic, Britain, Poland, Germany, and other national or transnational contexts may be examined. Movements in Asia, Latin America, and North America may be considered. Or the course may focus on one or two new waves.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**CMPL 377. The World of the Beat Generation: Transcultural Connections. 3 Credits.**

A consideration of authors of the Beat Generation, including Jack Kerouac, Diane di Prima, William S. Burroughs, and Allen Ginsberg, particularly with regard to their interest in narrative depictions, poetics, and other meditations that bear on crossing national and territorial borders.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**CMPL 379. Cowboys, Samurai, and Rebels in Film and Fiction. 3 Credits.**

Cross-cultural definitions of heroism, individualism, and authority in film and fiction, with emphasis on tales or images that have been translated across cultures. Includes films of Ford, Kurosawa, and Visconti. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** ASIA 379.

**CMPL 380. Almost Despicable Heroines in Japanese and Western Literature. 3 Credits.**

Authors' use of narrative techniques to create the separation between heroines and their fictional societies and sometimes also to alienate readers from the heroines. Austen, Flaubert, Ibsen, Arishima, Tanizaki, Abe.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**Same as:** ASIA 380, WGST 380.

**CMPL 382. Film and Nature. 3 Credits.**

Examines the complex aesthetic relationship between cinema and nature through a range of different genres, traditions, and theoretical frameworks. Films in which natural landscape, animals, and/or plant life receive special attention may be addressed. Thinkers as disparate as Kant, Thoreau, and recent proponents of eco-critical perspectives may be deployed.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**CMPL 383. Literature and Medicine. 3 Credits.**

Examines the presentation of medical practice in literature from the mid-19th century to the present. Readings include some medical history, novels, stories, and recent autobiographies of medical training. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**CMPL 385. Modernist and Postmodernist Narrative. 3 Credits.**

A study of the structure of various types of modernist and postmodernist narrative, including texts by such writers as Proust, Faulkner, Camus, Hesse, Duras, Mann, Woolf, Robbe-Grillet, Kundera, Simon.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**CMPL 386. Adolescence in 20th- and 21st-Century Literature. 3 Credits.**

Literary portrayal of adolescence in times of cultural upheaval. Although adolescence is often considered a transitional period from carefree childhood to responsible adulthood, we focus on works that explore adolescence primarily as a creative quest for a more meaningful way of life than the one bequeathed by the previous generation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**CMPL 387. French New Wave Cinema. 3 Credits.**

Films of the major directors of the French New Wave of the 1950s through the 1970s, including Jean-Luc Godard, François Truffaut, and Eric Rohmer. Examination of earlier films informing these directors. The impact of the New Wave on global cinema. In English. Recommended preparation: FREN 260 or CMPL 143 or the equivalent.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** FREN 386.

**CMPL 388. History of French Cinema I: 1895-1950. 3 Credits.**

Study of French cinema from 1895 through 1950, including early French film, silent cinema, surrealism, poetic realism, and postwar cinema. Concepts and vocabulary for film criticism. Conducted in English. Recommended preparation: FREN 260 or CMPL 143 or the equivalent.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** FREN 388.

**CMPL 389. History of French Cinema II: 1950 to the Present. 3 Credits.**

Study of French cinema from 1950 to the present, including postwar cinema, the New Wave, and the French film industry in the age of globalization. Concepts and vocabulary for film criticism. Conducted in English. Recommended preparation: FREN 260 or CMPL 143 or the equivalent.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** FREN 389.

**CMPL 390. Special Topics in Comparative Literature. 3 Credits.**

Course topics vary from semester to semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**CMPL 395. Research, Creativity, and Innovation in the Humanities. 3 Credits.**

This course serves as an introduction to research methodologies, theories, and the university resources available to students seeking to perform cutting-edge research in the humanities. The goal of the course is to produce a substantial research project. The capacities developed in this course as well as the project itself could be used as the basis for grants, scholarships, internship applications, or an honors thesis. Taught in English. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**Same as:** GSLL 295, ROML 295.

**Advanced Undergraduate and Graduate-level Courses****CMPL 411. Critical Theory. 3 Credits.**

Overview of those realms of modern and contemporary thought and writing that are known as, and closely associated with, "critical theory."


**Rules & Requirements**

**Grading Status:** Letter grade.

 **CMPL 420. Film, Photography, and the Digital Image. 3 Credits.**

This course examines the shifting nature of the cinematic medium in relation to both traditional photography and newer digital forms of image production. The aesthetic, ethical, and ontological aspects of cinema are explored in light of emergent technological and cultural conditions that demand a full-scale reconsideration of cinema's specificity.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **CMPL 442. Postcolonial Literature of the Middle East. 3 Credits.**

This course introduces students to postcolonial literature and theory. The main focus in the course is on literary texts and literary analysis. However, we will use postcolonial theory to engage critically with the primary texts within a postcolonial framework. We will explore language, identity, physical and mental colonization, and decolonization.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL, RESEARCH.

**Making Connections Gen Ed:** LA, CI, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 442.

 **CMPL 450. Major Works of 20th-Century Literary Theory. 3 Credits.**

Comparative study of representative works on literary and cultural theory or applied criticism to be announced in advance.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**CMPL 452. The Middle Ages. 3 Credits.**

Study of select examples of Western medieval literature in translation, with particular attention paid to the development of different genres, subjects, styles, and themes. Texts may be drawn from, among others, the French, Spanish, German, English, and Italian literary traditions, and may range in date from the eighth to the fifteenth centuries.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

 **CMPL 453. The Erotic Middle Ages. 3 Credits.**

Readings of major works of medieval European literature in translation from the 12th to 15th centuries, focusing on topics such as courtship, marriage, adultery, homoeroticism, domestic violence, mystical visions, and prostitution.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

 **CMPL 454. Literature of the Continental Renaissance in Translation. 3 Credits.**

Discussion of the major works of Petrarch, Boccaccio, Machiavelli, Castiglione, Ariosto, Tasso, Rabelais, Ronsard, Montaigne, Cervantes, and Erasmus. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** NA, WB.

**Grading Status:** Letter grade.

 **CMPL 456. The 18th-Century Novel. 3 Credits.**


English, French, and German 18th-century narrative fiction with emphasis on epistolary novel. The relation of the novel to the Enlightenment and its counterpart, the cult of sentimentality, and on shifting paradigms for family education, gender, and erotic desire.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **CMPL 460. Transnational Romanticism: Romantic Movements in Europe and the Americas. 3 Credits.**

Research-intensive course that explores how the Romantic movement beginning in 18th-century Europe has shaped the world we experience now. Topics vary and include revolutionary republicanism; slavery and abolition; quests for originality, expressiveness, and spiritual renovation; critiques of progress and modern urban culture; and revaluations of the natural world.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** LA, CI, EE- Mentored Research.

**Requisites:** Prerequisite, ENGL 105.

**Grading Status:** Letter grade.

 **CMPL 462. Realism and Naturalism. 3 Credits.**

An exploration of Realism and Naturalism in European and American literature, focusing on the movements' philosophical, psychological, and literary manifestations in selected texts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **CMPL 463. Cinema and Surrealism. 3 Credits.**

This course examines surrealism as an inter-art development between the First and Second World Wars. Taking a comparativist view, it focuses mainly on cinema but explores surrealist literature, painting, and sculpture as well. Much of the course traces the continuing relevance of surrealist practices in contemporary cinema.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **CMPL 466. Modernism. 3 Credits.**

An exploration of the period concept of modernism in European literature, with attention to central works in poetry, narrative, and drama, and including parallel developments in the visual arts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **CMPL 468. Aestheticism. 3 Credits.**

Aestheticism as a discrete 19th-century movement and as a major facet of modernism in literature and literary theory. Authors include Kierkegaard, Baudelaire, Nietzsche, Huysmans, Wilde, Mann, Rilke, Nabokov, Dinesen, Barthes, Sontag.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **CMPL 469. Milan Kundera and World Literature. 3 Credits.**

This course traces Milan Kundera's literary path from his communist poetic youth to his present postmodern Francophilia. His work will be compared with those authors he considers his predecessors and influences in European literature. Taught in English. Some readings in Czech for qualified students.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, BN.


**Grading Status:** Letter grade.

**Same as:** CZCH 469.

 **CMPL 470. Concepts and Perspectives of the Tragic. 3 Credits.**

History and theory of tragedy as a distinctive literary genre and as a more general literary and cultural problem. Authors include Aeschylus, Sophocles, Euripides, Shakespeare, Racine, Goethe, Nietzsche, Wagner, Mann, Samuel I and II, Faulkner. Also engages theorists, ancient and modern.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

 **CMPL 472. The Drama from Ibsen to Beckett. 3 Credits.**


The main currents of European drama from the end of the 19th century to the present. Includes Chekhov, Strindberg, Pirandello, Lorca, Brecht, Anouilh.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.


**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **CMPL 473. Drama, Pageantry, and Spectacle in Medieval Europe. 3 Credits.**

An introduction to many different forms of medieval drama and pageantry, including plays, tournaments, public executions, and religious processions. Plays, artwork, and texts from a range of Western European countries, ranging in date from the eighth to the 16th centuries, may be considered.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

 **CMPL 477. Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen. 3 Credits.**

Vladimir Nabokov's novel *Lolita* (1955) became a global phenomenon due to its unflinching portrayal of pedophilia. This course will delve deeper into the novel's moral complexity, its international context, and its reflection in mass culture, including movies by Stanley Kubrick (1962) and Adrian Lyne (1997). Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** RUSS 477.

**CMPL 479. What is a Medium? German Media Theory from Aesthetics to Cultural Techniques. 3 Credits.**

This seminar provides students across the humanities with an overview of the historical and cultural relevance of German media theories. We will discuss the distinction between "art" and "medium", the role of technology and techniques, as well as the interaction of media theory and practice with politics. Films with English subtitles; readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**Same as:** GERM 479.

 **CMPL 480. Queering China. 3 Credits.**

This course explores "queer" expressions in Chinese literature and visual culture from 1949 through the twenty-first century. It surveys a combination of all-time classics and lesser-known cultural texts featuring non-heteronormative sexual desire and gender-bending performance. We mobilize queer as a broad site of critique beyond Western models of the concept, asking not only how queer challenges normative bodyminds, but also how it negotiates notions of age, family, race, and the neoliberal order.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**Same as:** CHIN 480, WGST 480.

**CMPL 482. Philosophy and Literature. 3 Credits.**

Philosophical readings of literary texts, including novels, plays, and poems.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** PHIL 482.

 **CMPL 483. Cross-Currents in East-West Literature. 3 Credits.**

The study of the influence of Western texts upon Japanese authors and the influence of conceptions of "the East" upon Western writers. Goldsmith, Voltaire, Soseki, Sterne, Arishima, Ibsen, Yoshimoto, Ishiguro.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 483.

 **CMPL 485. Approaches to 20th-Century Narrative. 3 Credits.**

An examination of central trends in 20th-century narrative.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **CMPL 487. Literature and the Arts of Love. 3 Credits.**

Love and sexuality in literary works from various historical periods and genres. Authors include Sappho, Plato, Catullus, Propertius, Ovid, Dante, Petrarch, Shakespeare, LaClos, Goethe, Nabokov, and Roland Barthes.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**CMPL 489. Empire and Diplomacy. 3 Credits.**

Examines the history of the British Empire and the role of peace, war, defense, diplomacy, and letters in shaping Britain's presence on the world stage. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 489.

**CMPL 490. Special Topics. 3 Credits.**

Topics vary from semester to semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**CMPL 494. The Essay Film: Adventures in Modern Cinema since 1945. 3 Credits.**

Examines aesthetic, political, historical, and philosophical aspects of essay films in international cinema, focusing on examples by directors such as Chris Marker, Orson Welles, Harun Farocki, Agnes Varda, Errol Morris, and Jean-Luc Godard.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**CMPL 495. Advanced Seminar. 3 Credits.**

This seminar allows comparative literature majors to work on an independent project to synthesize their curricular experience, and it introduces them to current, broadly applicable issues in comparative literature. Previously offered as CMPL 500.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH, RESEARCH.

**Making Connections Gen Ed:** LA, CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**CMPL 496. Reading Course. 3 Credits.**

Readings vary from semester to semester. The course is generally offered for three credits.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**CMPL 520. Cinema, Painting, and The Frame. 3 Credits.**

This course comparatively explores the relationship between cinema and painting. Drawing on methods and concepts from art history, and considering photography as an intermediary between painting and film, this course considers the aesthetic, political, and philosophical dimensions of the frame.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**CMPL 527. Cold War Culture in East Asia: Transnational and Intermedial Connections. 3 Credits.**

This course introduces students to the specific contours that the Cold War accrued in East Asia. Focusing on literature and film, it explores what the fall of the Japanese Empire and the emergence of the post-1945 world meant across the region.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** ASIA 427, PWAD 427.

**CMPL 535. The Cinemas of the Middle East and North Africa. 3 Credits.**

This course explores the social, cultural, political, and economic contexts in which films are made and exhibited and focuses on shared intra-regional cinematic trends pertaining to discourse, aesthetics, and production.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 435, PWAD 435.

**CMPL 545. Chinese Science Fiction. 3 Credits.**

This research seminar contextualizes the contemporary explosion of Chinese science fiction within modern Chinese intellectual history and SF studies worldwide. We read globally influential novels such as *The Three-Body Problem* and trace several waves of the genre's century-long evolution within Chinese literature. We ask how threats of global annihilation, the exhaustion of environmental resources, discoveries in virology, epigenetics, and innovations in cybernetics intersect with global development, climate migration, decolonization, and structures of race and class.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL, RESEARCH.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** CHIN 545.

**CMPL 547. Documenting Diasporas: Korean Diasporas in Films and Documentaries. 3 Credits.**

In this course, we will explore the multiple, shifting, and often contested diasporic subjectivities represented and produced in Korean diaspora cinemas; these subjectivities encompass various Korean diaspora communities in Asia, Central Asia, Europe, and the Americas.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

**Same as:** KOR 447.

**CMPL 558. The Lives and Times of Medieval Corpses. 3 Credits.**

An investigation of the social, political, and literary uses of corpses in the Middle Ages.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, EE- Mentored Research, WB.

**Grading Status:** Letter grade.

**CMPL 560. Reading Other Cultures: Issues in Literary Translation. 3 Credits.**

Permission of the instructor. Reading knowledge of a language other than English recommended. Starting from the proposition that cultural literacy would be impossible without reliance on translations, this course addresses fundamental issues in the practice, art, and politics of literary translation. Previously offered as SLAV 560.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GSLL 560.

**CMPL 563. Studies in the Anglo-French Renaissance. 3 Credits.**

Recommended preparation, FREN 370 (for students taking the course for French credit), or one course from ENGL 225 to ENGL 229, or one course from CMPL 120 to CMPL 124. Study of French-English literary relations in the Renaissance, focusing on literary adaptation and appropriation, poetics, political writing, and related areas. Conducted in English; students may do written work in French for major or minor credit.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** FREN 563.

**CMPL 621. Arthurian Romance. 3 Credits.**

British and continental Arthurian literature in translation from the early Middle Ages to Sir Thomas Malory.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** ENGL 621.

**CMPL 622. Medieval Cosmopolitanisms. 3 Credits.**

An examination of medieval engagements with the foreign and the extent to which those engagements challenged conventional ways of thinking about the world.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** EE- Mentored Research, WB.

**Grading Status:** Letter grade.

**CMPL 624. The Baroque. 3 Credits.**

Required preparation, one course from CMPL 120-129. Analysis of the Baroque as an aesthetic movement, including major, representative literary works, comparisons of literature and the visual arts, and the study of theories of the Baroque and Neo-Baroque. Authors studied may include Tasso, Racine, Cervantes, and Shakespeare, among others.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**CMPL 685. Literature of the Americas. 3 Credits.**

Multidisciplinary examination of texts and other media of the Americas, in English and Spanish, from a variety of genres. Two years of college-level Spanish or the equivalent strongly recommended.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** ENGL 685, AMST 685.

**CMPL 691H. Comparative Lit Senior Honors Thesis Part I. 3 Credits.**

Required of all students reading for honors in comparative literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**CMPL 692H. Comparative Lit Senior Honors Thesis Part II. 3 Credits.**

Required of all students reading for honors in comparative literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, CMPL 691H.

**Grading Status:** Letter grade.

## ENGL—English

### Undergraduate-level Courses

**ENGL 50. First-Year Seminar: Multimedia North Carolina. 3 Credits.**

Each student will complete a service-learning internship and compose a multimedia documentary about the experience using original text, photos, audio, and video.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, HI-SERVICE.

**Making Connections Gen Ed:** VP, CI, EE- Service Learning.

**Grading Status:** Letter grade.

**ENGL 52. First-Year Seminar: Computers and English Studies. 3 Credits.**


How do computers change the study of literature? How do images tell stories? How is writing evolving through photo essays, collages, and digital video? Students investigate these and related questions. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

 **ENGL 53. First-Year Seminar: Slavery and Freedom in African American Literature and Film. 3 Credits.**


The seminar's purpose is to explore the African American slave narrative tradition from its 19th-century origins in autobiography to its present manifestations in prize-winning fiction and film.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-POWER.


**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

 **ENGL 54. First-Year Seminar: The War to End All Wars? The First World War and the Modern World. 3 Credits.**


Examination of literary and cinematic works that expose the cultural impact World War I had on contemporary and future generations. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA, GL, NA.

**Grading Status:** Letter grade.

 **ENGL 55. First-Year Seminar: Reading and Writing Women's Lives. 3 Credits.**


This first-year seminar emphasizes contemporary autobiographical writing by and about women. Students investigate questions of self and identity by reading and writing four genres of life writing: autobiography, autoethnography, biography, and personal essay. Both traditional written and new media composing formats will be practiced. Students may not receive credit for both ENGL 55H and ENGL 134H. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, CI, EE- Mentored Research.

**Grading Status:** Letter grade.

 **ENGL 57. First-Year Seminar: Future Perfect: Science Fictions and Social Form. 3 Credits.**


This class will investigate the forms and cultural functions of science fiction using films, books, and computer-based fictional spaces (Internet, video games, etc). Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 58. First-Year Seminar: The Doubled Image: Photography in U.S. Latina/o Short Fiction. 3 Credits.**

Course will examine the aesthetic and cultural functions and implications of textual images of photography and photographs in United States Latina/o short stories from the 1960s to the present. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** VP, NA, US.

**Grading Status:** Letter grade.

 **ENGL 59. First-Year Seminar: Black Masculinity and Femininity. 3 Credits.**

This first year seminar will use literature, film, and popular culture to explore different expressions of masculinity and femininity in the African American and Black diasporic context. Students will evaluate how artists use gender and sexuality for social critique and artistic innovation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, CI, US.

**Grading Status:** Letter grade.

 **ENGL 63. First-Year Seminar: Banned Books. 3 Credits.**

This course will focus on issues of intellectual freedom and censorship, with particular attention to the ways in which these issues are racialized. Why do people ban books? What makes a book "scandalous" or "immoral"? Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

 **ENGL 66. First-Year Seminar: Blake 2.0: William Blake in Popular Culture. 3 Credits.**

William Blake, the visionary poet, artist, and printmaker of the British Romantic period, has had enormous influence on modern art and popular culture. Using the Blake Archive, a hypertext of Blake's poetry and art, we will study key Blake works as well as the digital medium that enables us to study these works in new ways and performances and adaptations of them.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **ENGL 69. First-Year Seminar: Entrepreneurial on the Web. 3 Credits.**


This course explores trends in online communication, emphasizing composition for the Web. The study of these writing activities is linked with a focus on innovation and on entrepreneurship.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

 **ENGL 70. First-Year Seminar: Courtly Love, Then and Now. 3 Credits.**

This course examines the medieval concept of courtly love, or fin amour in a range of classical, medieval, and early modern texts. Questions that it might consider include the following: How does courtly love differ from modern visions of ideal love? Why is courtly love so often adulterous? And what is the relation of sex to love, in both the present and in the past?

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.



**ENGL 71. First-Year Seminar: Healers and Patients. 3 Credits.**

This course explores the human struggle to make sense of suffering and debility. Texts are drawn from literature, anthropology, film, art history, philosophy, and biology. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH, COMMBEYOND.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 72. First-Year Seminar: Literature of 9/11. 3 Credits.**

This first-year seminar will introduce students to college-level critical analysis, writing, and oral communication by exploring representations of the 9/11 attacks and the "war on terrorism" in literature and popular culture.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA, CI, GL.

**Grading Status:** Letter grade.

**ENGL 73. First-Year Seminar: Literature of War from World War I to the 21st Century. 3 Credits.**

This is a course about literature and war and what they might teach us about each other. Our work will be oriented around one central question: what, if anything, can a work of art help us see or understand about war that cannot be shown by other means? Students may not receive credit for both ENGL 73 and ENGL 161.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 74. First-Year Seminar: Epic/Anti-Epic in Western Literature. 3 Credits.**

In this course, students will study epic and anti-epic strains in Western literature, reading key texts in the epic tradition from Homer and Virgil through the 20th century in light of various challenges to that tradition and tensions within it.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 75. First-Year Seminar: Interpreting the South from Manuscripts. 3 Credits.**

The aim of the course is to give beginning university students the requisite research skills to allow them to appreciate and to contribute to an understanding of the past by directly experiencing and interpreting records from the past. Students will actually get to work with historical documents, some more than 200 years old.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**ENGL 76H. First-Year Seminar: Biography: People and Places, Chapel Hill. 3 Credits.**

This seminar focuses on biography, specifically on persons and places in Chapel Hill. Students will engage in basic research to create a final project around a person or place of their choice from any field or profession. Students will design and produce the biography in any format, from print to digital.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA, CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**ENGL 79. First-Year Seminar: Globalization/Global Asians. 3 Credits.**

This course will explore the concept of globalization by focusing on the Asian diaspora, particularly the artistic and cultural productions that document, represent, and express Global Asians.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** CI, GL.

**Grading Status:** Letter grade.

**ENGL 81. First-Year Seminar: Jane Eyre and Its Afterlives. 3 Credits.**

Class members will reflect upon Brontë's *Jane Eyre* (1847) in its original contexts and study subsequent novels and films that engage with it. What makes a literary work a "classic"? How do later readers' concerns affect their responses? Lovers of *Jane Eyre* are welcome, as are newcomers and skeptics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

**ENGL 85. First-Year Seminar: Economic Saints and Villains. 3 Credits.**

Our objective throughout will be to analyze how literary art simultaneously demonizes and celebrates the "miracle of the marketplace" and those financial pioneers that perform its magic. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA, CI, WB.

**Grading Status:** Letter grade.

**ENGL 86. First-Year Seminar: The Cities of Modernism. 3 Credits.**


This course is a cross-cultural and intermedial exploration of the imagery of the Great City in high modernist works of literature, art, and film.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

 **ENGL 87. First-Year Seminar: Jane Austen, Then and Now. 3 Credits.**


This course focuses on the fiction of Jane Austen and its representations in film. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **ENGL 88. First Year Seminar: The Legacy of the Japanese American Internment: from WWII to 9/11. 3 Credits.**

This course will explore stories about the Japanese American internment from first person memoirs to contemporary fiction. We will also examine the ramifications, historic and legal, of the internment post-9/11.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

 **ENGL 89. First-Year Seminar: Special Topics. 3 Credits.**

Content varies by semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**ENGL 100. Basic Writing. 3 Credits.**

Required for incoming students with SAT Evidence-Based Reading and Writing or ACT scores below a threshold set by the department. Please visit the department Web site for the most updated scores. The courses focuses on academic writing in a variety of contexts. Workshop format involves frequent writing and revision.

**Rules & Requirements**

**Making Connections Gen Ed:** CR.

**Grading Status:** Letter grade.

 **ENGL 105. English Composition and Rhetoric. 3 Credits.**


This college-level course focuses on written and oral argumentation, composition, research, information literacy, and rhetorical analysis. The course introduces students to the specific disciplinary contexts for written work and oral presentations required in college courses. Students may not receive credit for both ENGL 102 and ENGL 102I, 105, or 105I.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-WRITING.

**Making Connections Gen Ed:** CR.

**Grading Status:** Letter grade.

 **ENGL 105I. English Composition and Rhetoric (Interdisciplinary). 3 Credits.**

This college-level course focuses on written and oral argumentation, composition, research, information literacy, and rhetorical analysis. The course introduces students to one specific disciplinary context for written work and oral presentations required in college courses: natural sciences, social sciences, humanities, law, business, or medicine. Students may not receive credit for both ENGL 105 and ENGL 102, 102I, or 105I.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-WRITING.

**Making Connections Gen Ed:** CR.

**Grading Status:** Letter grade.

 **ENGL 113. Introduction to Critical Game Studies. 3 Credits.**

This course introduces students to the new field of critical game studies, which uses rhetorical and literary theories to explore the impact that games have on our culture. Students will analyze the impact of immersive narratives on players and explore issues of representation and identity by playing through selected games and reading core texts. No gaming experience or equipment is needed.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Grading Status:** Letter grade.

 **ENGL 114. The Rhetoric of Data. 3 Credits.**

This course uses a rhetorical approach to explore the concept of data. Questions of race, gender, class and other markers of identity will guide our analysis of how data is rhetorically used to shape knowledge in our contemporary world. This course is especially well suited for those in the WEDP concentration in English & Comparative Literature as well as those interested in fields such as data science, social media, technical communication, and digital humanities.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

 **ENGL 115. History of the English Language. 3 Credits.**

A study of the development of English from its Proto-Indo-European origins to modern English, with emphasis on how events and contacts with other languages influenced the vocabulary of English. Course previously offered as ENGL 314.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

 **ENGL 116. History of Writing: From Pen to Pixel. 3 Credits.**

Fulfills a major core requirement. This course examines how writing has evolved from ancient times to the present, with a focus on how writing technologies (from clay tablets to typewriters, pictographs to emojis) have shaped written languages and writing instruction. Activities will include making cylinder seals, writing with wax tablets, composing videos and comic books.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

 **ENGL 117. Arguing on the Internet: Rhetoric in the Age of Social Media. 3 Credits.**

Fulfills a major core requirement. In this course, students will draw on classical rhetoric—the ancient art of persuasion—to analyze how people argue today, in online contexts. We will use rhetoric to examine the strategies internet trolls use, what makes a post go viral, and whether online arguments can actually change people's minds.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 118. Storytelling and Game Development. 3 Credits.**

This course examines video games as narrative texts through game play and game design. By the end of the semester, students will develop and create an original interactive narrative video game using the open-source software Twine. Through this making-centered course, students will study existing non-linear narratives to explore the basic principles of writing and examine the needs and expectations of the audience/viewer/player for immersive/interactive media and that of established media.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 119. Picture This: Principles of Visual Rhetoric. 3 Credits.**

Today, writers in almost every profession use visual evidence persuasively and effectively. How do we interpret and analyze those messages? How do we generate effective visuals that avoid misleading audiences? That is the domain of visual rhetoric, an area of study we will explore in this course. This course is useful for those planning careers in science, computer science, technical communication, business, and data science as well as those interested in cultural and historical aspects.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **ENGL 120. British Literature, Medieval to 18th Century. 3 Credits.**

Survey of medieval, Renaissance, and neoclassical periods. Drama, poetry, and prose. Fulfills a major core requirement. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

 **ENGL 121. British Literature, 19th and Early 20th Century. 3 Credits.**

Fulfills a major core requirement. Seminar focusing on later British literature covering the Romantic, Victorian, and Modern periods—great foundation for studying later periods. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

 **ENGL 122. Introduction to American Literature. 3 Credits.**

Fulfills a major core requirement. A survey of literary movements over the course of American history. Movements studied include romanticism, naturalism, realism, modernism, and post-modernism. Poe, Melville, Hawthorne, Dickinson, Wharton, Fitzgerald, Ellison, Morrison. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **ENGL 123. Introduction to Fiction. 3 Credits.**

Novels and shorter fiction by Defoe, Austen, Dickens, Faulkner, Wolfe, Fitzgerald, Joyce, and others. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 124. Contemporary Literature. 3 Credits.**

Fulfills a major core requirement. The literature of the present generation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 125. Introduction to Poetry. 3 Credits.**

A course designed to develop basic skills in reading poems from all periods of English and American literature.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 126. Introduction to Drama. 3 Credits.**

Drama of the Greek, Renaissance, and modern periods.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 127. Writing about Literature. 3 Credits.**

Course emphasizes literature, critical thinking, and the writing process. Students explore the relationship between thinking, reading, and writing by studying poetry, fiction, drama, art, music, and film.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 128. Major American Authors. 3 Credits.**

A study of approximately six major American authors drawn from Emerson, Thoreau, Hawthorne, Melville, Stowe, Whitman, Clemens, Dickinson, Chesnut, James, Eliot, Stein, Hemingway, O'Neill, Faulkner, Hurston, or others.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 129. Literature and Cultural Diversity. 3 Credits.**

Fulfills a major core requirement. Studies in African American, Asian American, Hispanic American, Native American, Anglo-Indian, Caribbean, gay-lesbian, and other literatures written in English. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA, US.

**Grading Status:** Letter grade.

**ENGL 130. Introduction to Fiction Writing. 3 Credits.**

Intended for sophomores and first-year students. A writing-intensive introductory workshop in fiction. Close study of a wide range of short stories; emphasis on technical problems. Composition, discussion, and revision of original student stories. Students may not receive credit for both ENGL 130 and ENGL 132H. This course (or ENGL 132H) serves as a prerequisite for other courses in the fiction sequence of the creative writing program.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, for other courses in the fiction sequence of the creative writing program.

**Grading Status:** Letter grade.

**ENGL 131. Introduction to Poetry Writing. 3 Credits.**

Intended for sophomores and first-year students. A writing-intensive introductory workshop in poetry. Close study of a wide range of published poetry and of poetic terms and techniques. Composition, discussion, and revision of original student poems. Students may not receive credit for both ENGL 131 and ENGL 133H. This course (or ENGL 133H) serves as a prerequisite for other courses in the poetry sequence of the creative writing concentration and minor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 132H. First-Year Honors: Introduction to Fiction Writing. 3 Credits.**

Intended for first-year honors students. A writing-intensive introductory workshop in fiction. Close study of a wide range of short stories; emphasis on technical problems. Composition, discussion, and revision of original student stories. Students may not receive credit for both ENGL 130 and ENGL 132H. This course (or ENGL 130) serves as a prerequisite for other courses in the fiction sequence of the creative writing concentration and minor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 133H. First-Year Honors: Introduction to Poetry Writing. 3 Credits.**

Intended for first-year honors students. A writing-intensive introductory workshop in poetry. Close study of a wide range of published poems and of the basic terms and techniques of poetry. Composition, discussion, and revision of a number of original poems. Students may not receive credit for both ENGL 131 and ENGL 133H. This course (or ENGL 131) serves as a prerequisite for other courses in the poetry sequence of the creative writing concentration and minor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 134H. First-Year Honors: Women's Lives. 3 Credits.**

First-year honors students only. This course focuses on women's life writing, including autobiography, biography, autoethnography, personal essay. Includes theories of life writing. Students will read contemporary works in each genre and write their own versions. Students may not receive credit for both ENGL 55 and ENGL 134H.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 135H. First-Year Honors: Types of Literature. 3 Credits.**

First-year honors students only. Study of literary forms (epic, drama, lyric, novel), beginning in the fall term and concluding in the spring, with three hours credit for each term. Students should consult the assistant dean for honors or the Department of English and Comparative Literature for offerings.


**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **ENGL 136. The Publishing Industry: Editing, Design, and Production. 3 Credits.**

Students explore the many areas of the publishing industry and practice basic skills widely used in publishing, including submissions management, copy editing, proofreading, and book and ebook design. Through hands-on practice and meetings with experts in the field, students develop a solid foundation in publication design and the editorial process. Students may not receive credit for both ENGL 136 and ENGL 351.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 137. Digital Literature. 3 Credits.**

In this course students learn to study emergent relationships between print and digital literary cultures. In addition to reading and discussion, the course requires that students conduct original research (individual and also collaborative) in both print and digital formats.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

 **ENGL 138. Introduction to Creative Nonfiction. 3 Credits.**


Intended for sophomores and first-year students. An introductory workshop in creative nonfiction, a genre that is rooted in fact and composed in artful prose. Through readings and writing prompts, we will explore the full spectrum of the genre, including memoir, travelogues, nature writing, literary journalism, lyric essays, and visual autobiography. We will workshop and revise student essays as well. This course serves as a prerequisite for other courses in the creative writing concentration and minor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.


**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 140. Introduction to Gay and Lesbian Culture and Literature. 3 Credits.**

Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.


**Grading Status:** Letter grade.

**Same as:** WGST 140.

 **ENGL 141. World Literatures in English. 3 Credits.**

This course will be a basic introduction to literatures in English from Africa, the Caribbean, South Asia, Canada, Australia, New Zealand, and other Anglophone literary traditions.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.


**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

 **ENGL 142. Film Analysis. 3 Credits.**

This course offers an introduction to the technical, formal, and narrative elements of the cinema. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **ENGL 143. Film and Culture. 3 Credits.**

Examines the ways culture shapes and is shaped by film. This course uses comparative methods to contrast films as historic or contemporary, mainstream or cutting-edge, in English or a foreign language, etc.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

 **ENGL 144. Popular Genres. 3 Credits.**

Introductory course on popular literary genres. Students will read and discuss works in the area of mystery, romance, westerns, science fiction, children's literature, and horror fiction.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 146. Science Fiction/Fantasy/Utopia. 3 Credits.**

Readings in and theories of science fiction, utopian and dystopian literatures, and fantasy fiction.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 147. Mystery Fiction. 3 Credits.**

Studies in classic and contemporary mystery and detective fiction.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.


**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 148. Horror. 3 Credits.**

This course examines the complexities and pleasures of horror, from its origins in Gothic and pre-Gothic literatures and arts. Topics include psychology, aesthetics, politics, allegory, ideology, and ethics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 149. Digital Composition. 3 Credits.**

In this class students will practice composing in contemporary digital writing spaces. Students will study theories of electronic networks and mediation, and their connections to literacy, creativity, and collaboration. Students will also develop their own multimedia projects using images, audio, video, and words. Topics include the rhetoric of the Internet, online communities, and digital composition.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 150. Introductory Seminar in Literary Studies. 3 Credits.**

Introduces students to methods of literary study. Students learn to read and interpret a range of literary works, develop written and oral arguments about literature, and conduct literary research.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 151. Nineteenth-Century American Literature. 3 Credits.**

Survey of American literature from 1789-1900. Students will gain expertise in the major literary movements of the century in their historical contexts. Fulfills a major core requirement.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**ENGL 152. Twentieth-Century American Literature. 3 Credits.**

Survey of American literature in the twentieth century covering the major literary movements of the century: realism, modernism, postmodernism, and contemporary. Fulfills a major core requirement.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 153. Sex, Gender, and Sexuality in the Premodern World. 3 Credits.**

What did people think about sex, and how did they do it, before Darwin, Stonewall, and the Sexual Revolution? This course will introduce students to the rich and varied history of sex, sexuality, and gender in Western culture before 1700. Topics to be considered may include the evolution of marriage, same-sex love in the classical world, trans identities in medieval Europe, and the history of true love.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**ENGL 154. Race and Racism in the Premodern World. 3 Credits.**

This course investigates the history of race (as an idea) and racism (as a practice) in Western culture, from the very first discussions of race in classical antiquity until 1700. Topics to be considered may include the history of slavery, the origins of "scientific" racism, early examples of resistance to racial prejudice, and the historical intersection of race with gender and class.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**ENGL 155. The Visual and Graphic Narrative. 3 Credits.**

This course examines various visual texts, including graphic novels and emerging narrative forms, and explores how meaning is conveyed through composition, the juxtaposition and framing of images, and the relationship between words and images. Students create their own visual narratives.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**ENGL 158. Postcolonial Literature. 3 Credits.**

This course is a multigenre introduction to postcolonial literatures. Topics will include postcolonial Englishes, nationalism, anti-imperialism, postcolonial education, and the intersections between national and gender identities in literature. Previously offered as ENGL 463. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**ENGL 161. Literature of War from World War I to the 21st Century. 3 Credits.**

This is a class about literature and war and what each might teach us about the other. We will consider a range of texts and center our work around this question: what, if anything, can a work of art help us see or understand about war that might not be shown by other means? Students may not receive credit for both ENGL 73 and ENGL 161.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**Same as:** PWAD 161.

**ENGL 163. Introduction to Health Humanities. 3 Credits.**

This course will introduce students to the key critical concepts, debates, and questions of practice in the interdisciplinary field of health humanities. Students will draw on humanities methods to analyze topics related to human health, illness, and disability. Topics to be considered may include narrative medicine, disability studies, chronic illness, graphic medicine, health activism, mortality, and healthcare systems.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 164. Introduction to Latina/o Studies. 3 Credits.**

Introduction to major questions of Latina/o Studies through an examination of literature, culture, the visual arts, and music. Topics include imperialism, colonialism, labor, decolonization, nationalism, ethnicity and other aspects of identity and identification, and new rubrics. Previously offered as ENGL 364. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**ENGL 184. Children's Literature in Contemporary Society. 3 Credits.**

This course is a survey of children's literature (broadly defined in terms of age range and medium), which considers the current significance of the genre, focusing on its reception in terms of contemporary experience and concerns.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Grading Status:** Letter grade.

**ENGL 190. Exploring Topics in English Studies. 3 Credits.**

Introduction to a popular genre, cultural context, group of writers, or contemporary issue in literature, composition, and/or film.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 191. Introduction to Literary Studies. 3 Credits.**

Introduces students to the field of literary studies while emphasizing a single writer, group, movement, theme, or period. Students conduct research, develop readings, and compose literary interpretations.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 202. Everyday Cultures: Folklore in America. 3 Credits.**

An introduction to the study of creativity and aesthetic expression in everyday life, considering both traditional genres and contemporary innovations in the material, verbal, and musical arts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** ANTH 202, FOLK 202.

**ENGL 206. Intermediate Fiction Writing. 3 Credits.**

Substantial practice in those techniques employed in introductory course. A workshop devoted to the extensive writing of fiction (at least two short stories), with an emphasis on style, structure, dramatic scene, and revision.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Requisites:** Prerequisite, ENGL 130 or 132H; a grade of B or better in ENGL 130 or 132H is required; permission of the program director for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ENGL 207. Intermediate Poetry Writing. 3 Credits.**

An intensification of the introductory class. A workshop devoted to close examination of selected exemplary poems and the students' own poetry, with an emphasis on regular writing and revising. This course serves as a prerequisite for other courses in the poetry sequence of the creative writing concentration and minor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Requisites:** Prerequisite, ENGL 131 or 133H; a grade of B or better in ENGL 131 or 133H is required; permission of the program director for students lacking prerequisite.

**Grading Status:** Letter grade.

**ENGL 208. Reading and Writing Creative Nonfiction. 3 Credits.**

An intermediate-level workshop in creative nonfiction that focuses on a particular sub-genre, such as memoir, travel writing, food writing, or nature writing. Students will workshop and revise their own original compositions as well. This course can be repeated under a different professor or sub-genre. This course serves as a prerequisite for other courses in the nonfiction sequence of the creative writing concentration and minor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Requisites:** Prerequisite, ENGL 130, 131, 132H, 133H, or 138; a grade of B or better in the prerequisite course is required; permission of the program director for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 210. Writing Young Adult Literature. 3 Credits.**

In this writing-intensive workshop, we will explore the ever-expansive category of Young Adult ("YA") Literature, examining genre, plot, and character through our own writing, in addition to YA novels, novel excerpts, and craft essays.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Requisites:** Prerequisite, ENGL 130 or 132H.

**Grading Status:** Letter grade.

**ENGL 211. Writing Political Fiction. 3 Credits.**

An intermediate-level creative writing workshop intended for students who have already taken ENGL 130 or ENGL 132H, this course focuses on the art and craft of fiction that features visible politics. Rather than encouraging a didactic approach to storytelling, this course teaches students to ask better questions of themselves and their readers. Instead of using storytelling as a tool for propaganda, students will learn how well-crafted fiction can combat false narratives, social injustices, and tyranny.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, ENGL 130 or ENGL 132H.

**Grading Status:** Letter grade.

**ENGL 213. Grammar of Current English. 3 Credits.**

An introductory course in descriptive English linguistics that studies the sounds, word-building processes, and sentence structures of current English as well as general notions of correctness and variation. Previously offered as ENGL 313.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENGL 215. English in the U.S.A.. 3 Credits.**

A historical and critical examination of regional, social, and stylistic variation in English in the United States, including correctness, legal and educational issues, and the influence of mass media. Previously offered as ENGL 315. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**ENGL 218. American Poetry. 3 Credits.**

Content of course varies with instructor, but students are given a sense of the chronological, stylistic, and thematic development of American poetry over two centuries. Previously offered as ENGL 348. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 219. The American Novel. 3 Credits.**

The development of the American novel from the late 18th century through the 20th century. May proceed chronologically or thematically. Previously offered as ENGL 347. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 220. American Literature, Before 1900. 3 Credits.**

Instructors choose authors or topics from the period before 1900. The course may be organized chronologically or thematically, but is not intended as a survey. Previously offered as ENGL 344. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 221. American Literature, 1900-2000. 3 Credits.**

Instructors choose authors or topics from the period 1900 to 2000. The course may be organized chronologically or thematically, but is not intended as a survey. Previously offered as ENGL 345. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 223. Chaucer. 3 Credits.**

Fulfills a major core requirement. An introduction to Chaucer's major poetry: Troilus and Criseyde, the "dream" poems (e.g., Parliament of Fowls), and The Canterbury Tales. Previously offered as ENGL 320. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 224. Survey of Medieval English Literature, excluding Chaucer. 3 Credits.**

This course surveys the canonical works of Old and Middle English literature from the eighth to the 15th centuries, with the sole exception of the poetry of Geoffrey Chaucer. Topics to be considered may include the development of courtly love, the history of meter, religious visions and visionary experience, and the birth of modern English. Previously offered as ENGL 319. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 225. Shakespeare. 3 Credits.**

Fulfills a major core requirement. A survey of representative comedies, tragedies, histories, and romances by William Shakespeare. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.



**ENGL 226. Renaissance Drama. 3 Credits.**

A survey of Renaissance drama focusing on contemporaries and successors of Shakespeare during the Elizabethan and Jacobean periods. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 227. Literature of the Earlier Renaissance. 3 Credits.**

Poetry and prose of the earlier English Renaissance (from 1485 until 1600), including More, Wyatt, Sidney, Spenser, Bacon, and Marlowe. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 228. Literature of the Later Renaissance. 3 Credits.**

Poetry and prose of the later English Renaissance (from 1600 until the early 1660s), including Donne, Jonson, Bacon, Herbert, Burton, Browne, Marvell, Herrick, and others. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 230. Milton. 3 Credits.**

Fulfills a major core requirement. A study of Milton's prose and poetry in the extraordinary context of 17th-century philosophy, politics, religion, science, and poetics, and against the backdrop of the English Civil War. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 232. English Literature, 1832-1890. 3 Credits.**

Poetry and prose of the Victorian period, including such writers as Tennyson, the Brownings, Arnold, the Brontës, Dickens, G. Eliot. Previously offered as ENGL 439. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 233. Contemporary Approaches to 18th-Century Literature and Culture. 3 Credits.**

Focuses on particular forms, authors, or issues in the period. Previously offered as ENGL 436. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 234. The British Novel from 1870 to World War II. 3 Credits.**

Students will read novels in English, including Joyce, Woolf, and Proust, to explore how writers from across cultures created new strategies to represent the late 19th and 20th century worlds of imperialism, science, and experiment. Previously offered as ENGL 355. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 235. Studies in Jane Austen. 3 Credits.**

Fulfills a major core requirement. This course focuses on both the novels of Jane Austen and their fate since publication in the early 19th century. They have inspired countless imitations, over 150 sequels and continuations, and more than 30 full-length films. We will trace the transmission and transformation of the original texts across time and cultures. Previously offered as ENGL 340.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 236. 18th-Century Fiction. 3 Credits.**

A survey of 18th-century fiction from Behn to Austen. Previously offered as ENGL 333. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 237. 18th-Century Drama. 3 Credits.**

A survey of Restoration and 18th-century drama from Etheredge to Sheridan. Previously offered as ENGL 332. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 238. 19th-Century British Novel. 3 Credits.**

Important novelists in the tradition, from Austen to Wilde. Previously offered as ENGL 338. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 239. 20th-Century British and American Poetry. 3 Credits.**

Twentieth-century poetry in English, approached historically, thematically, formally, politically, and aesthetically. Previously offered as ENGL 350. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 240. Caribbean Literature. 3 Credits.**

An introductory exploration of key topics in the literatures of the Caribbean basin, Bermuda, and the Caribbean diaspora.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **ENGL 241. Studies in Oscar Wilde. 3 Credits.**

This course focuses on the life and works of one of the most striking personalities of the nineteenth century: Oscar Wilde. In addition to reading numerous works by Wilde (including short fiction, poetry, drama, fairy tales, and critical essays), we consider the scientific, religious, and aesthetic contexts that shaped Wilde's work.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 242. Victorian Literature--Contemporary Issues. 3 Credits.**

The study of an individual Victorian writer, a group (such as the Pre-Raphaelites), a theme (such as imperialism), or genre (such as Victorian epic or the serialized novel). Previously offered as ENGL 442.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 243. Studies in Virginia Woolf. 3 Credits.**

An in-depth single-author course examining the fiction and non-fiction writings of Virginia Woolf.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.


**ENGL 244. Queer Cinema. 3 Credits.**

This course focuses on gender and sexuality by examining the history, theory, politics, and aesthetics of queer identities in film and possibly other audiovisual media. Questions of representation, authorship, genre, and performance are addressed, either in national or transnational contexts.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

 **ENGL 248. Intersectionality: Race, Gender, Sexuality, and Social Justice. 3 Credits.**

The first goal of this super course is to give students real tools for how to address multiple modes of difference and identity formations like race, gender, class, and sexuality.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**Same as:** AMST 248, POLI 248, WGST 249.

 **ENGL 249. Romantic Literature--Contemporary Issues. 3 Credits.**

Devoted to British Romantic-period literature's engagement with a literary mode (such as the Gothic) or a historical theme (such as war or abolition) or to an individual author. Previously offered as ENGL 441. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 250. Faulkner. 3 Credits.**

The writings, contexts, and legacy of William Faulkner. Fulfills a major core requirement.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

**ENGL 251. Film Performance and Stardom. 3 Credits.**

This course focuses on performances in cinema, as well as the concept of stardom. This course surveys a diverse range of performances across cinema history, through a variety of different genres and production modes. Close attention is paid to actorly expression, and to the creation of star images in media.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ENGL 252. National and Transnational Cinemas. 3 Credits.**

Historical, theoretical, and analytical approaches to the intersection of nation and cinema. This course may focus on films made within a particular nation or serve as a comparative analysis of the cinemas of several nations.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, GL.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **ENGL 253. Space and Place in Literature/Film. 3 Credits.**

In this course, students consider the relationship between space and place in literature or film. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 255. Introduction to Media Studies. 3 Credits.**

This course provides an introduction to concepts of media studies as they bear on the critical examination of cinema, television, and other cultural forms. Students explore different theoretical perspectives on the role and power of media in society in influencing social values, political beliefs, identities, and behaviors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ENGL 256. Crafting the Dramatic Film: Theory Meets Practice. 3 Credits.**

This course places students behind the camera and in front of the screen as they alternate between creative and critical approaches to cinema. They learn how to practice the basic principles of narrative film production (producing, directing, cinematography, editing, and sound design) while engaging critically with key debates in film theory and criticism (semiotic, cognitive, psychoanalytic, feminist, and phenomenological). Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**ENGL 257. Video Games and Narrative Cinema. 3 Credits.**

In this hands-on gaming course, students decipher the narrative design of video games while exploring the legacy of cinema to gameplay. They also apply critical gaming concepts (agency, world-building, point of view, authorship, representation, narrative choice, play) to evaluate cinema as a ludic and participatory artform beyond conventional narrative elements.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**ENGL 261. An Introduction to Literary Criticism. 3 Credits.**

An introduction to literary criticism in English studies, with an emphasis on historical developments from Plato to the present. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 263. Literature and Gender. 3 Credits.**

Focused study of how issues of gender shape literary themes, characters, and topics, and the composition and reception of literary texts. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**Same as:** WGST 263.

**ENGL 264. Healing in Ethnography and Literature. 3 Credits.**

This course brings together literary and ethnographic methods to explore narratives of illness, suffering, and healing, and medicine's roles in these processes. Themes include illness narratives, outbreak narratives, collective memory and healing from social trauma, and healers' memoirs.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ANTH 272.

**ENGL 265. Literature and Race, Literature and Ethnicity. 3 Credits.**

Considers texts in a comparative ethnic/race studies framework and examines how these texts explore historical and contemporary connections between groups of people in the United States and the Americas. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**ENGL 266. Science and Literature. 3 Credits.**

Introductory exploration of the relation between science and literature, as well as the place and value of both in the contemporary world. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 267. Growing Up Latina/o. 3 Credits.**

This interdisciplinary course will examine what it means to grow up Latina/o through an exploration of childhood narratives, linguistic debates, education policies and legislation, and censored books.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**ENGL 268. Medicine, Literature, and Culture. 3 Credits.**

An introduction to key topics that focus on questions of representation at the intersections of medicine, literature, and culture. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 269. Introduction to Disability Studies. 3 Credits.**

This course will introduce students to the key critical concepts, debates, and questions of practice in the emerging scholarly field of disability studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**ENGL 270. Studies in Asian American Literature. 3 Credits.**

This course introduces students to the study of Asian American literature and culture. The focus of the course may include examining coming-of-age novels, immigration narratives, or other genre explorations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**ENGL 271. Mixed-Race America: Race in Contemporary American Literature and Culture. 3 Credits.**

This service-learning course is partnered with a charter school, and together UNC-Chapel Hill and high school students will explore issues of race in American literature and culture.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER, HI-SERVICE.

**Making Connections Gen Ed:** LA, EE- Service Learning, US.

**Grading Status:** Letter grade.

**ENGL 272. Studies in African American Authors. 3 Credits.**

This course focuses on the life and writings of a specific African American author. In addition to examining numerous texts by the author, we will consider the cultural, political, and artistic contexts that shaped the author's work. Fulfills a major core requirement.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, US.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 274. Drama: PlayMakers Current Season. 3 Credits.**

Approaches to the literary interpretation of drama through consideration of PlayMakers Repertory Company's current season, stressing original research into literary history, genre, and social and cultural contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, CI, EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 278. Irish Writing, 1800-2000. 3 Credits.**

This course introduces major texts and current themes, from Joyce to the postcolonial, in Irish writing from 1800 to 2000.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 279. Migration and Globalization. 3 Credits.**

Covers literary and other social texts associated with the legacies of population transfers and the movements, forced or voluntary, of people across borders. Course previously offered as ENGL 365.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**ENGL 282. Travel Literature. 3 Credits.**

Students will analyze and compose various types of travel literature, such as voyage, pilgrimage, and tour, in terms of literary conventions, historical conditions, and considerations of gender, ethnicity, economics, empire, and religion. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**ENGL 283. Life Writing. 3 Credits.**

Students will analyze and compose different forms of life writing such as autobiography, biography, and autoethnography. Readings will include theories of autobiography and selected literature. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 284. Reading Children's Literature. 3 Credits.**

An overview of the tradition of children's literature, considering the ways those books point to our basic assumptions about meaning, culture, self, society, gender, and economics. The course stresses original student research and oral and written presentation. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** LA, EE- Mentored Research, NA.

**Grading Status:** Letter grade.

**ENGL 288. Literary Modernism. 3 Credits.**

In this course students will read early 20th-century poetry, fiction, films, and criticism, and consider the ways these works constituted, defined, and challenged the phenomenon known as literary modernism.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 289. Jewish American Literature and Culture of the 20th Century. 3 Credits.**

Through readings in a wide range of genres, this course will examine major factors and influences shaping Jewish American literature and culture in the 20th century.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** JWST 289.

**ENGL 290. Engaging Topics in English Studies. 3 Credits.**

Focused study of a popular genre, cultural context, group of writers, or contemporary issue in literature and/or composition.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 291. Picture Books. 3 Credits.**

A survey of illustrated books for children in Britain and America considering both image and text. The course stresses original student research and oral and written presentation. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 292. Youth in Culture. 3 Credits.**

An examination of youth in culture through a range of texts that focus on the aesthetic, historical, and social factors grounding the depiction of youth in the past and its experience and representation today. The course stresses original student research and oral and written presentation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**ENGL 293. Internship for Credit. 3 Credits.**

An opportunity to gain credit for an internship in a field related to the study of English, such as publishing, teaching, business writing, or law. Available to majors with at least a 2.5 GPA. Requirements include portfolio of work completed for the internship, meetings with the academic advisor, and a 4000-word writing project related to the internship.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisite, Two ENGL or CMPL courses at any level.

**Grading Status:** Pass/Fail.

**ENGL 295. Undergraduate Research Seminar. 3 Credits.**

Guides students through the processes of developing an original research topic, conducting research, and analyzing research, leading students to produce a high-quality presentation of their findings. Topic varies by instructor but may focus on literary studies or closely-related arenas such as medical humanities, digital humanities, and creative writing, among others. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** LA, CI, EE- Mentored Research.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**ENGL 300. Professional Writing and Editing. 3 Credits.**

Advanced practice with writing for professional audiences, based on attention to theories of genre, audience, rhetoric, and style. Students will develop skills in professional writing, editing, copyediting, proofreading, and publishing.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 300I. Professional Writing in Health and Medicine (Interdisciplinary). 3 Credits.**

Advanced practice with writing about health from medical and humanistic perspectives, ranging from grant proposals to qualitative research articles to the personal illness narrative.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 301. Professional Writing in the Arts. 3 Credits.**

A course focused on writing in professional settings focused on the arts and humanities. Students will compose documents such as funding proposals, performance reviews, artists' statements, or promotional educational materials. Includes oral, written, and digital compositions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 302. Professional Communication for Social Movements. 3 Credits.**

Advanced course focused on writing for professional audiences in non-profit, public policy, social justice, and social entrepreneurship settings. Includes oral, written, and digital compositions. Students will compose documents such as grant proposals, policy reports, websites, public presentations, or multimedia videos to advance social causes.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 303. Scientific and Technical Communication. 3 Credits.**

Advanced course focused on adapting scientific and technical content to public or non-expert audiences in oral, written, and digital forms. Assignments may include composing professional reports, developing multimedia instructions for a product, or developing an interactive exhibit.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 304. Advanced Business Communication. 3 Credits.**

Advanced practice with business and professional oral, written, and multimedia forms. Students will develop business proposals, reports, plans, and professional oral presentations for professional audiences.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING, COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 305. Advanced Legal Communication. 3 Credits.**

Advanced practice with oral, written, and digital composition for legal settings.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 306. Playwriting. 3 Credits.**

A workshop for people interested in writing plays, focusing on elements that make them work on stage, such as characterization, climax, dialogue, exposition, momentum, setting, and visual effects.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, ENGL 130, 131, 132H, or 133H.

**Grading Status:** Letter grade.

**ENGL 307. Studies in Fiction and Poetry: Stylistics. 3 Credits.**

An occasional intermediate course that may focus on such topics as living writers, poetic forms, flash fiction, or imitation. Permission of the program director.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Requisites:** Prerequisite, ENGL 130, 131, 132H, or 133H.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 308. Gram-O-Rama: Grammar in Performance. 4 Credits.**

Studies of syntax, parts of speech, types of sentences, wordplay, the narrative and non-narrative power of words, prose style, and the relationships between language, rhythm, and culture culminate with students performing a selection of the comedic and dramatic sketches written during the semester.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP, CI, EE- Performing Arts.

**Grading Status:** Letter grade.

**ENGL 310. Fairy Tales. 3 Credits.**

A study of fairy tales as historical artifacts that reveal the concerns of their times and places, as narrative structures capable of remarkable transformation, and as artistic performances drawing upon the expressive resources of multiple media, intended to challenge conventional presuppositions about the genre.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** FOLK 310.

**ENGL 312. Oral Presentations in the Professional World. 3 Credits.**

Students will focus on learning skills and strategies to deliver effective oral presentations. The course will be organized around an individual research project that will culminate in a major presentation following the "best practices" of that discipline. During the semester, students will deliver presentations of various lengths and genres and will learn effective use of media support. Course standards will emphasize professional-level expectations and current "best practices" in the field.

**Rules & Requirements**

**Requisites:** Prerequisite, ENGL 105 or ENGL 105I.

**Grading Status:** Letter grade.

**ENGL 317. Writing and Social Networks. 3 Credits.**

This class explores writing in and about contemporary social media spaces. The course focuses on developing writing projects that study and participate in online social networks. Topics include the rhetoric of the Internet; collaboration online; information ethics; amateur content creation; networks and social interaction; networks and literacy; data and privacy; and remix composition.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 318. Multimedia Composition. 3 Credits.**

This class studies composing in a variety of modes, including visuals, moving images, gestures, sounds, and words. Students develop projects using image, audio, and video editors, examining how multimedia fits within the history of rhetoric and writing and relates with concerns such as purposes, audiences, contexts, arguments, genres, and mediums. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL****323. American Cinema of the 1970s: New Hollywood and Beyond. 3 Credits.**

This course examines one of the most adventurous decades in U.S. film history, from the "Auteur Renaissance," to independent cinema, through to the politically conscious reconfiguration of popular genres. Films are discussed in the context of social changes and anxieties in the years surrounding Watergate and the Vietnam War.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**ENGL 324. Creating the Video Essay. 3 Credits.**

This instructional course gives students the opportunity to make video essays. Students learn how to use creative audiovisual media tools, in particular those related to the moving image. Students gain familiarity with digital production and editing technology, which they use as instruments of critical expression and argumentation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**ENGL 325. Shakespeare and His Contemporaries. 3 Credits.**

This course explores the wide range of drama produced in England between the 1570s and 1640s, including work by Shakespeare and his many rivals. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 327. Renaissance Literature and Its Intellectual Contexts. 3 Credits.**

An introduction to one or two intellectual movements of the Renaissance, such as humanism, the protestant reformation, the baroque, or the scientific revolution, through the examination of both literary and non-literary texts of the period.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 329. Medieval Feminisms. 3 Credits.**

This course explores the contributions of the Middle Ages, and of medieval women, to the history of feminism and women's writing. Over the course of the semester, we will explore four different types of work by and about women: literary writing, theological writing, life writing, and the performance of identity and dramatic character. Along the way, we will also read selections from contemporary feminist theory, including Sara Ahmed, Lauren Berlant, Luce Irigaray, and Judith Butler.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**ENGL 330. Perspectives on the Renaissance. 3 Credits.**

Students will study Renaissance literature through one or more contemporary theoretical lenses, which might include feminist theory, queer theory, cultural materialism, new historicism, or psychoanalytic theory. Texts may range in date from the early 16th century to the late 20th and early 21st century.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 331. 18th-Century Literature. 3 Credits.**

A survey of British literature from Dryden to Paine. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 337. The Romantic Revolution in the Arts. 3 Credits.**

This course examines the technical and aesthetic revolutions in the fine arts of the English Romantic Period, focusing on lyrical poetry, landscape painting, and original printmaking and works by Wordsworth, Turner, and Blake. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 341. Tabletop Games: Narrative, History, and Design. 3 Credits.**

This course introduces students to developments in modern tabletop gaming. Students will analyze the mechanics and thematics that tabletop games use to create narratives. Particular attention will be paid to the values and stories that emerge from the decisions made by designers. This course culminates in a capstone project in which students create their own tabletop game. No prior experience with tabletop gaming is required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Grading Status:** Letter grade.

**ENGL 346. U.S. Literature on Page and Screen. 3 Credits.**

This course pairs selected canonical works of U.S. literature (short stories, poems, essays, and short novels) with films that adapt or translate the original text for cinema. Works range from westerns and war movies to psychological thrillers, biopics, and comedies. By comparing text and film, the course deepens students' understanding of both aesthetic forms and traces the sometimes conflicting ideals, myths, and narratives that gave shape to different historical versions of American national identity. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Requisites:** Prerequisite, ENGL 105 or ENGL 105I.

**Grading Status:** Letter grade.

**ENGL 351. From Manuscript to Press: Writer as Publisher. 3 Credits.**

Students learn the basics of book production, including acquisitions, developmental editing, copy editing, layout and book design, marketing, and digital publication by working on titles in production at a national press and meeting with professionals in the industry.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisites, ENGL 130, 131, 132H, 133H, or 138.

**Grading Status:** Letter grade.

 **ENGL 356. British and American Fiction Since World War II. 3 Credits.**

Course studies contemporary British and American fiction through representative works. Intellectual and aesthetic, historical and cultural emphases. May include works from the Anglophone diaspora. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 357. 20th-Century British Literature and Culture. 3 Credits.**

This course examines factors shaping British/Commonwealth literature in the 20th century, especially the world wars and the dismantling of the British Empire. We will investigate themes of both nostalgia and anticipation: ways of remembering the past of England and the Empire, and of describing the future of British culture(s).

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **ENGL 358. Contemporary US Poetry. 3 Credits.**

This course will focus on important poets and poetic movements in the United States in the long twentieth century. Special attention paid to writings by poets about what poetry is and does: critiquing social injustice, expressing alternative identities, exploring disordered mental states, communicating otherwise unintelligible experiences, etc. Movements may include: the Harlem Renaissance, Modernism, Confessionalism, the Black Arts Movement. We will also read poets who don't belong to any movement and poets writing today.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Grading Status:** Letter grade.

**ENGL 359. Latina Feminisms. 3 Credits.**

This course introduces students to United States Latina feminist theories, literatures, and cultures. Through a blend of genres, students explore historical foundations of Latina feminisms, examining the relationship between Latina feminisms and United States Third World feminisms, and analyze literary and cultural representations of feminist praxis.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

 **ENGL 360. Contemporary Asian American Literature and Theory. 3 Credits.**

This course will explore contemporary Asian American literature and theory and will examine how Asian American literature fits into, yet extends beyond, the canon of American literature.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**Same as:** ASIA 360.

 **ENGL 361. Asian American Women's Writing. 3 Credits.**

This course covers writings by Asian American women and examines issues of gender, race, and sexuality.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, CI, US.

**Grading Status:** Letter grade.

**Same as:** WGST 361.

 **ENGL 362. Asian American Literature and History. 3 Credits.**

This course focuses on events of particular import in Asian American history and how they are recounted in a variety of interdisciplinary texts. Events may include the Japanese American incarceration, refugee movements, immigration, or others, at the instructor's discretion. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **ENGL 363. Feminist Literary Theory. 3 Credits.**

Theories of feminist criticism in relation to general theory and women's writing. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**Same as:** WGST 363.


**ENGL 365H. Migration and Globalization. 3 Credits.**

Covers literary works associated with one or more of the major historical migrations, forced and voluntary, and present-day works engaged with globalization.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

 **ENGL 367. African American Literature to 1930. 3 Credits.**

Survey of writers and literary and cultural traditions from the beginning of African American literature to 1930. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 368. African American Literature, 1930-1970. 3 Credits.**


Survey of writers and literary and cultural traditions from 1930 to 1970. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.



 **ENGL 369. African American Literature, 1970 to the Present. 3 Credits.**


Survey of writers and literary and cultural traditions from 1970 to the present. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **ENGL 370. Race, Health, and Narrative. 3 Credits.**

This interdisciplinary course explores how issues of health, medicine, and illness are impacted by questions of race in 20th-century American literature and popular culture. Specific areas covered include pain, death, the family and society, reproduction, mental illness, aging, human subject experimentation, the doctor-patient relationship, pesticides, and bioethics. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER, COMMBEYOND.

**Making Connections Gen Ed:** LA, CI, US.

**Grading Status:** Letter grade.

 **ENGL 371. The Place of Asian Americans in Southern Literature. 3 Credits.**

This course will consider the themes of globalization and regionalism through an examination of narratives featuring Asians/Asian Americans in the American South. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, CI, US.

**Grading Status:** Letter grade.

 **ENGL 373. Southern American Literature. 3 Credits.**

An introduction to Southern literature, with emphasis on the 20th-century: fiction, poetry, drama, essays. Representative authors include Faulkner, Wolfe, Williams, Warren, Hurston, Wright, Ransom, Tate, Welty, Chappell, McCullers, O'Connor. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **ENGL 374. Southern Women Writers. 3 Credits.**

The study of fiction, poetry, plays, and essays by Southern American women writers of the past 200 years, continuing to the present.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 374.

 **ENGL 377. Introduction to the Celtic Cultures. 3 Credits.**

A broad survey of the cultures of the Celtic-speaking areas, notably Ireland, Wales, Scotland, and Brittany, with special emphasis on language and literature.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

 **ENGL 378. Film Criticism. 3 Credits.**

An introduction to the history and practice of film criticism.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **ENGL 380. Topics In Film History. 3 Credits.**

This course examines one or more topics in film history, focusing on specific periods. The scope may be national or transnational. Films are analyzed for how they address and reflect key historical developments. Restricted to any undergraduate student who is a Sophomore, Junior, or Senior with a GPA or 3.0 or higher, OR any First-Year student. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **ENGL 381. Literature and Cinema. 3 Credits.**

The course introduces students to the complex narrative, aesthetic, and rhetorical relationship between literature and cinema.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **ENGL 382. Literature and Media. 3 Credits.**

This course investigates the rich and complex relationship between literature and other mass media. Previously offered as ENGL 281. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ENGL 384. Podcasting. 3 Credits.**

This class studies the composition and development of podcasts, paying attention to the unique affordances and drawbacks of podcast technologies. Students develop, research, script, and record podcasts in several genres, including topical, interview, and storytelling formats, while learning practical editing techniques using industry-standard software.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE, COMMBEYOND.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**ENGL 385. Literature and Law. 3 Credits.**

Explores various connections of literature and law, including literary depictions of crime, lawyers, and trials; literary conventions of legal documents; and/or shared problems in interpretation of law and literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES.

**Making Connections Gen Ed:** LA, EE- Mentored Research.

**Grading Status:** Letter grade.

**ENGL 386. Gender, Sexuality, and the South Asian Diaspora. 3 Credits.**

This course explores how gender and sexuality shapes the literature, politics, and public culture of South Asian immigrant communities in Europe, Africa, the Americas, and other locations outside the Indian subcontinent.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 387. Canadian Literature. 3 Credits.**

A study of Canadian literature in English from the late 18th century to the present, with emphasis on 20th-century writing and on the novel.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 388. Modernism: Movements and Moments. 3 Credits.**

What was modernism? When was modernism? Where was modernism? Reading literature and visual art from 1890 to 1940 in Europe, America, and Africa will be key to finding answers.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 389. Major Film Directors. 3 Credits.**

This course introduces students to the aims and concerns of authorship study in film through discussion of a major filmmaker's body of work. The course may focus predominantly on a single figure or may compare two or more figures who share certain affinities of theme or style.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ENGL 390. Studies in Literary Topics. 3 Credits.**

An intensive study of a single writer, group, movement, theme, or period. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**ENGL 392. Professional Writing Portfolio Development and Publication. 3 Credits.**

Students research, refine, and compose a portfolio of advanced written work for professional audiences or publication. Each portfolio will contain an array of written work that demonstrates the student's versatility as a writer, researcher, and editor. The portfolio is intended for presentation to professional audiences, potential employers, prospective graduate programs, and/or publication. Previously offered as ENGL 492.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 396. Directed Readings in English or Creative Writing. 3 Credits.**

Permission of the department. Intensive reading on a particular topic under the supervision of a member of the staff.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 399. Cinema and the Museum. 3 Credits.**

Museums have long been considered repositories for artifacts and sites of pedagogy, far removed from contemporary visual practices. And yet, today's museums are full of moving images, from interactive displays to IMAX theaters to screen-based art. In this class we will consider interactions between the cinema and the museum. Topics to be addressed include immersive viewing technologies, film and ethnography, expanded cinema, virtual reality, and installation art. This course includes visits to campus museums.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ENGL 400. Advanced Composition for Teachers. 3 Credits.**

This course combines frequent writing practice with discussions of rhetorical theories and strategies for teaching writing. The course examines ways to design effective writing courses, assignments, and instructional materials.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**ENGL 402. Investigations in Academic Writing and Writing Centers. 3 Credits.**

This course considers learning to write from three vantage points: personal, social, and contextual. Emphasis on theory, reflective practice, and pedagogy for peer tutoring.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 403. Rhetoric and Social Justice. 3 Credits.**

How do communities resist oppression through writing? This course examines texts and methods related to the study of social movements. Students will work with archival materials at Wilson Library to research social justice movements at UNC and in the South. Previously offered as ENGL 316. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**ENGL 404. Advanced Creative Nonfiction. 3 Credits.**

In addition to surveying key works of creative nonfiction throughout the ages - from Montaigne in the 16th century to Solnit, Rankine, and Urrea in the 21st - we will be composing (and peer-reviewing) our own explorations of every subgenre, including memoir, literary journalism, travel writing, flash nonfiction, and the lyric essay, with an eye toward publication.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisites, ENGL 138 and 208; permission of the instructor or director for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ENGL 406. Advanced Fiction Writing. 3 Credits.**

Permission of the program director. A continuation of the intermediate workshop with emphasis on the short story and novella. Extensive discussion of student work and revisions in class and in conferences with instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Requisites:** Prerequisite, ENGL 206.

**Grading Status:** Letter grade.

**ENGL 407. Advanced Poetry Writing. 3 Credits.**

Permission of the program director. A continuation of the intermediate workshop, with increased writing and revising of poems. Extensive discussion of student poetry in class and in conferences with instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Requisites:** Prerequisite, ENGL 207.

**Grading Status:** Letter grade.

**ENGL 408. Collaboration: Composers and Lyricists. 3 Credits.**

This is a course in popular-songwriting collaboration, a workshop with constant presentation of original songs and close-critiquing of these assignments. Varied assignments including songs for soloists, duos, trios, quartets, and chorus; ballads, folk, jazz, blues, art, and musical-theater songs, etc.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**ENGL 409. Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing. 3 Credits.**

This course is a collaborative exploration of popular-song lyric writing, requiring numerous drafts written to varied existing musical models - narrative ballads; hymns; folk, theater, jazz, art, R&B, R&R, and worldbeat songs, etcetera - to be tried out and worked on in class, as well as in conference.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**ENGL 410. Documentary Film. 3 Credits.**

This course provides a history of documentary cinema since the beginnings of the medium and surveys different modes and theoretical definitions; or the course may focus largely on a certain mode (such as ethnographic, observational, first-person, cinema vérité, politically activist, found footage compilation, or journalistic investigation). Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**ENGL 411. Writing for Clients: Technical Communication Practicum. 3 Credits.**

This advanced technical writing course will help you develop skills in developing professional documents with a focus on document design, user experience, project management, and technical editing. You will assess the documentation needs for a client, propose a document or set of documents to fulfill that need, and then produce polished, professional documents for that client. These materials will lead to a professional portfolio you can share with potential employers.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENGL 425. Literature, Archives, and Original Research. 3 Credits.**

"Archives" are documents - manuscripts, photographs, recordings, diaries, letters, and other materials - that are so valuable they need to be preserved in a special place. In this course, the instructor will guide students as they conduct original research in literary archives, such as online databases or physical archives (at Wilson Library, for example). We will learn how to formulate research questions and how to identify key documents. Previously offered as ENGL 342.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH, RESEARCH.

**Making Connections Gen Ed:** LA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 430. Renaissance Literature--Contemporary Issues. 3 Credits.**

This course examines Renaissance literature through the lens of cultural themes, issues, and problems that were important to Renaissance authors and readers. Texts may be drawn from, among others, the English, French, German, Italian, and Spanish literary traditions, and may range in date from the 15th to the 17th centuries.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA, WB.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 437. Chief British Romantic Writers. 3 Credits.**

Survey of works by Blake, Wordsworth, Coleridge, Byron, Percy and Mary Shelley, Keats, and others. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ENGL 443. American Literature before 1860--Contemporary Issues. 3 Credits.**

A junior- or senior-level course devoted to in-depth exploration of an author, group of authors, or topic in American literature to 1860. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 444. American Literature, 1860-1900--Contemporary Issues. 3 Credits.**

Intensive study of one or more authors or a topic in American literature from the Civil War through 1900. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 445. American Literature, 1900-2000--Contemporary Issues. 3 Credits.**

A junior- or senior-level course devoted to in-depth exploration of an author, group of authors, or a topic in American literature from 1900 to 2000. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 446. American Women Authors. 3 Credits.**

American women authors from the beginnings to the present. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 446.

**ENGL 447. Memory and Literature. 3 Credits.**

This course brings together theories of collective and individual memory with questions of aesthetics and narrative while exploring global connections between memory and literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 466. Literary Theory--Contemporary Issues. 3 Credits.**

Examines current issues in literary theory such as the question of authorship, the relation of literary texts to cultural beliefs and values, and to the formation of identities. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 467. Educating Latinas/os: Preparing SLI Mentors. 3 Credits.**

Permission of the instructor. Designed for students accepted as mentors to the Scholars' Latino Initiative (SLI). Students will take this course during their first year as SLI mentors to prepare them as effective mentors to Latina/o high school students. Students cannot receive credit for both ENGL 267 and 467.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, CI, EE- Service Learning.

**Grading Status:** Letter grade.

**ENGL 472. African American Literature--Contemporary Issues. 3 Credits.**

Study of particular aspects of African American literature, such as the work of a major writer or group of writers, an important theme, a key tradition, or a literary period. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 473. The Changing Coasts of Carolina. 3 Credits.**

A rigorous combination of field work, lab work, and colorful, original contemporary writing on the natural world will help tell the story of our many, evolving North Carolina coasts. Combining marine science and the creative literary arts, this immersive course will explore issues of change over many eras. This combination of social, cultural, and scientific observation will lead to imaginatively constructed, well-written non-fiction reportage about one of North America's most productive, compelling, and challenging regions.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, EE- Field Work.

**Grading Status:** Letter grade.

**Same as:** MASC 473.

**ENGL 475. Southern Literature--Contemporary Issues. 3 Credits.**

The study of a particular topic or genre in the literature of the United States South, more focused than students will find in ENGL 373.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 480. Digital Humanities History and Methods. 3 Credits.**

Students will explore the history of computer-assisted humanities scholarship, from its beginnings in computational linguistics, media studies, and humanities computing to its current incarnation as "digital humanities." The course will provide an introduction to the field and to digital research methodologies and prepare students to develop their own digital projects. Previously offered as ENGL 530.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 482. Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities. 3 Credits.**

This Course-based Undergraduate Research Experience (CURE) course interrogates the rhetoric of data construction and management by positioning students as "critical makers" in a digital humanities project. Previously offered as ENGL 353.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**ENGL 487. Everyday Stories: Personal Narrative and Legend. 3 Credits.**

Oral storytelling may seem old-fashioned, but we tell true (or possibly true) stories every day. We will study personal narratives (about our own experiences) and legends (about improbable, intriguing events), exploring the techniques and structures that make them effective communication tools and the influence of different contexts and audiences.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**Same as:** FOLK 487.

**ENGL 488. Critical Security Studies. 3 Credits.**

Introduces major topics in the interdisciplinary field of critical security studies. Critically analyzing the public construction of risk and security in military, technological, informational, and environmental domains, the course explores major theories that attempt to make sense of the transnational proliferation of violence and risk in historical and contemporary contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** CI, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 484.

**ENGL 489. Science, Medicine, and Cultural Studies--Contemporary Issues. 3 Credits.**

The student will have an opportunity to concentrate on researching topics and texts central to the study of health, medicine, culture, and ethics. Central topics may include representations of genetics, cloning, reproduction, and biotechnology. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 490. Creative Writing: Special Topics. 3 Credits.**

Permission of the program director. An occasional advanced course, which may focus on such topics as advanced creative nonfiction, editing and publishing, the lyric in song and collaboration between lyricists and composers, the one-act play, and short-short fiction.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 494. Research Methods in Film Studies. 3 Credits.**

This course introduces students to research methods in film studies. While this course will provide a broad survey of methods one might employ in film studies research of all kinds, the course may be restricted to a particular research topic.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 495. Mentored Research. 1-3 Credits.**

Recommended for students in junior or senior year of study. Intensive mentored research, service learning, field work, or creative work. Requires 30 hours of research, writing, or experiential activities, culminating in a written project.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**ENGL 564. Interdisciplinary Approaches to Literature. 3 Credits.**

Examines the ways knowledge from other disciplines can be brought to bear in the analysis of literary works. Questions of disciplinary limits and histories will also be addressed.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 583. Drama on Location. 3 Credits.**

Offered as part of summer study abroad programs in Oxford, London, and Stratford-on-Avon. Students experience plays in performance and as texts, and discuss their literary, dramatic, cultural, and historical aspects. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, EE- Study Abroad.

**Grading Status:** Letter grade.

**ENGL 593. Internship in Health Humanities. 3 Credits.**

An opportunity to gain credit for an internship in a field related to the study of health humanities, such as science writing, health non-profit work, and qualitative research. Available to majors with at least a 3.0 GPA. Requirements include regular journal entries, meetings with a faculty advisor, and a final report of 10-15 pages.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Requisites:** Prerequisites, Graduate students are required to take ENGL 695 or ENGL 763 (this may be done concurrently with ENGL 696); Undergraduates are required to take ENGL 268 or an equivalent course, plus at least 1 additional upper-division ENGL course and obtain instructor permission.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 610. Practicum in Health Humanities. 3 Credits.**

This course introduces advanced undergraduate and graduate students to topics, methods, and concepts in health humanities through practical learning experiences.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING, COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Requisites:** Pre- or corequisite, ENGL 268.

**Grading Status:** Letter grade.

**ENGL 611. Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar. 3 Credits.**

Sociologist Arthur Frank asserts that "whether ill people want to tell stories or not, illness calls for stories." This seminar explores narrative approaches to suffering, healing, and medicine's roles in these processes. Students learn literary and anthropological approaches to examine medically themed works from a range of genres.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING, COMMBEYOND.

**Making Connections Gen Ed:** PH, CI, US.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 619. Survey of Old and Middle English Literature. 3 Credits.**

An introduction to English literature from the eighth to the 15th century, focusing on the primary works of Old English and Middle English literature.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 620. Introduction to Old English Language and Literature. 3 Credits.**

Students will learn to read Old English, the Germanic language spoken by the Anglo-Saxons in Britain from about the middle of the fifth century until the time of the Norman Conquest. Students will study Beowulf, "Caedmon's Hymn", and other selections in poetry and prose.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**ENGL 621. Arthurian Romance. 3 Credits.**

British and continental Arthurian literature in translation from the early Middle Ages to Sir Thomas Malory.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CMPL 621.

**ENGL 630. Shakespeare and His Contemporaries. 3 Credits.**

This course will examine drama written and performed in England from 1570 to 1640, situating Shakespeare's plays in relation to others in his generation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**ENGL 638. 19th-Century Women Writers. 3 Credits.**

An investigation of important texts by 19th-century women writers that considers issues of gender in relation to other important considerations—tradition, form, culture—with an introduction to the chief scholarly and critical problems of this period.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

**ENGL 659. War in 20th-Century Literature. 3 Credits.**

A study of literary works written in English concerning World War I, or the Spanish Civil War and World War II, or the Vietnam War. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 659.

**ENGL 660. War in Shakespeare's Plays. 3 Credits.**

The focus is on Shakespeare's various treatments of war in his plays: all his Roman histories, most of his English histories, all his tragedies, even some of his comedies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PWAD 660.

**ENGL 661. Introduction to Literary Theory. 3 Credits.**

Examines contemporary theoretical issues and critical approaches relevant to the study of literature.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENGL 662. History of Literary Criticism. 3 Credits.**

A history of literary criticism from the Greeks to mid-20th century, focusing on recurrent concerns and classic texts that are indispensable for understanding the practice of literary criticism today.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**ENGL 665. Queer Latina/o Literature, Performance, and Visual Art. 3 Credits.**

This course explores literature, performance art, film, and photography by Latinas and Latinos whose works may be described as "queer" and that question terms and norms of cultural dominance.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, NA, US.

**Grading Status:** Letter grade.

**Same as:** WGST 665.

**ENGL 666. Queer Latina/o Photography and Literature. 3 Credits.**

This course explores Latina/o literature about photography in relation to photography by "queer" Latina/o artists and, through this double focus, poses certain questions about identity, subjectivity, and culture.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, NA, US.

**Grading Status:** Letter grade.

**Same as:** WGST 666.

**ENGL 670. Being and Race in African American Literature. 3 Credits.**

An examination of phenomenology, the "philosophy of experience." Taking the perspective that literature helps clarify our experience, we will engage in readings of various genres—poetry, autobiography, fiction, and drama—as we examine how literature not only records experience, but also shapes it through a distinct method of reasoning.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**ENGL 674. Digital Literature. 3 Credits.**

Digital literature explores how literary works are composed for, shaped by, and studied in electronic environments. Course texts range from books to electronic fiction and poetry to video games. Hands-on activities give students a chance to develop their own literary projects—either as electronic literary works or as digital scholarship.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 675. Teaching Online. 3 Credits.**

This course explores issues and methodologies related to online teaching. Topics include instructor-student dynamics in the online classroom, opportunities for extending the classroom through online platforms, trends in online pedagogy, and development of online teaching portfolios.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 676. Digital Editing and Curation. 3 Credits.**

Students will investigate theories and practices of editing in multimedia, digital environments. Students will explore histories of textual editing, research major humanities projects, examine trends and toolsets related to developing scholarly digital materials, and collaborate with one another and with campus entities to develop an online digital humanities project.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**ENGL 680. Film Theory. 3 Credits.**

This course provides a rigorous introduction to various theories (aesthetic, narrative, historical, political, psychological, philosophical) inspired by cinema.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**ENGL 681. Topics in Contemporary Film and Media. 3 Credits.**

This course examines aesthetic and social aspects of contemporary cinema, television, and/or other media. Previously offered as ENGL 580. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENGL 685. Literature of the Americas. 3 Credits.**

Multidisciplinary examination of texts and other media of the Americas, in English and Spanish, from a variety of genres. Two years of college-level Spanish or the equivalent strongly recommended.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** AMST 685, CMPL 685.

**ENGL 687. Queer LatinX Environmentalisms. 3 Credits.**

This mixed level undergraduate and graduate student course examines queer LatinX literature from the 1970s to the present as it intersects with ecological and environmental concerns. We pay close attention to LatinX cultural productions that approach ecology and environmental justice from queer perspectives and that queer ecological concerns from minoritized perspectives.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** CI, GL, US.

**Grading Status:** Letter grade.

**ENGL 690. Special Topics. 3 Credits.**

Selected topics in literary studies, composition, digital media, and related fields. Topic varies by semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**ENGL 691H. English Senior Honors Thesis, Part I. 3 Credits.**

Restricted to senior honors candidates. First semester of senior honors thesis. Independent research under the direction of an English department faculty member.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ENGL 692H. English Senior Honors Thesis, Part II. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Essay preparation under the direction of an English department faculty member.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ENGL 693H. Creative Writing Senior Honors Thesis, Part I. 3 Credits.**

Restricted to senior honors candidates. The first half of a two-semester seminar. Each student begins a book of fiction or creative nonfiction (25,000 words) or poetry (1,000 lines). Extensive discussion of student work in class and in conferences.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, ENGL 130, 131, 132H, 133H, or 138; and ENGL 206, 207, or 208; and ENGL 404, 406, 407.

**Grading Status:** Letter grade.

**ENGL 694H. Creative Writing Senior Honors Thesis, Part II. 3 Credits.**

Restricted to senior honors candidates. The second half of a two-semester seminar. Each student completes a book of fiction, creative nonfiction, or poetry. Extensive discussion of student work in class and in conferences with instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, ENGL 693H.

**Grading Status:** Letter grade.

**ENGL 695. Research Seminar. 3 Credits.**

Guides students through the processes of developing an original research topic, conducting research, and analyzing research, leading students to produce a high-quality presentation of their findings. Topic varies by instructor but may focus on literary studies or closely-related arenas such as medical humanities, digital humanities, and creative writing, among others.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** LA, CI, EE- Mentored Research.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.



## Contact Information

### Department of English and Comparative Literature

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## English and Comparative Literature Major, B.A.

English and Comparative Literature majors study literature, film, writing, and media of broad geographic and cultural provenance, so students have opportunities to practice comparative thinking. Moreover, majors write and research about texts, film, and media inflected with markedly different generic and linguistic features, and this variety hones students' research and writing skills. English and Comparative Literature majors can follow a general course of study or choose to concentrate in one of seven different areas:

- British and American Literature
- Comparative and World Literatures
- Creative Writing
- Film Studies
- Science, Medicine and Literature
- Social Justice and Literature
- Writing, Editing, and Digital Publishing

See the Requirements page for details on the major concentrations.

## Student Learning Outcomes

Upon completion of the English and Comparative Literature program, students should be able to:

- Produce clear and persuasive analytical and/or creative writing (that demonstrates the qualities of literature)
- Research productively and effectively
- Read critically
- Compare and analyze texts and contexts
- Explain the significance and value of historical contexts

Particularly at this moment in American culture and history, we believe these skills are essential, both in the workplace and in the public sphere more broadly. The major's core curriculum ensures that students gain historical breadth in their discipline (in the form of surveys) as well as depth (in courses that focus on a single genre, topic, or author and thus allow for a sustained emphasis on close analysis). Individual concentrations also provide learning outcomes specific to their area of study.


## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

## Core Curriculum

Code	Title	Hours
<b>Core Requirements <sup>1</sup></b>		
Survey I (select one):		3
ENGL 120	 British Literature, Medieval to 18th Century <sup>H</sup>	
ENGL 116	 History of Writing: From Pen to Pixel	
CMPL 120	 Great Books I: Epic and Lyric Traditions	
CMPL 121	 Great Books I: Romancing the World <sup>H</sup>	
CMPL 122	 Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	
CMPL 123	 Great Books I: Politics and Literature from Antiquity to 1750	
CMPL 124	 Great Books I: Science and Literature from Antiquity to 1750	
Survey II (select one):		3
ENGL 151	Nineteenth-Century American Literature	
ENGL 152	Twentieth-Century American Literature	
ENGL 117	 Arguing on the Internet: Rhetoric in the Age of Social Media	
ENGL 121	 British Literature, 19th and Early 20th Century <sup>H, F</sup>	
ENGL 122	 Introduction to American Literature <sup>H</sup>	
ENGL 124	 Contemporary Literature	
ENGL 129	 Literature and Cultural Diversity <sup>H, F</sup>	
CMPL 130	 Great Books II <sup>H</sup>	
CMPL 131	 Great Books II: Savage, Native, Stranger, Other	
CMPL 132	 Great Books II: Performance and Cultural Identity in the African Diaspora	
CMPL 133	Great Books II: Imaging the Americas from the Late 18th Century to the Present	
CMPL 134	 Great Books II: Travel and Identity <sup>H</sup>	
CMPL 142	 Visual Culture II	
Depth Course (select one):		3
ENGL 223	 Chaucer (British) <sup>H</sup>	
ENGL 225	 Shakespeare (British) <sup>H</sup>	

ENGL 230	Milton (British) <sup>H</sup>
ENGL 235	Studies in Jane Austen (British)
ENGL 243	Studies in Virginia Woolf (British)
ENGL 250	Faulkner (American)
ENGL 272	Studies in African American Authors (American)
CMPL 220	Global Authors: Jane Austen (British) <sup>H</sup>
CMPL 223	Global Authors: Cervantes
CMPL 225	Global Authors: The Worlds of Shakespeare (British)

Concentration (seven courses), see requirements below<sup>2</sup> 21

#### Additional Requirements

At least six (6) courses (out of 10) must be at or above the 200 level.<sup>3</sup>

Of these six (6), at least two (2) courses (out of 10) must be at the 300-level (Writing Intensive) in ENGL or CMPL.<sup>3</sup>

Of these six (6), at least one (1) course (out of 10) must be at the 400-level (Research Intensive) in ENGL or CMPL.<sup>3</sup>

**Total Hours** 30

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> The concentration in Film and Media Studies includes different core requirements. See the requirements for this concentration below.

<sup>2</sup> If no concentration is chosen, select seven (7) electives in ENGL and/or CMPL (excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191).

<sup>3</sup> Required for all concentrations except for the Creative Writing concentration.

## Concentration in British and American Literature

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours
Pre-1800 course (select one)		3
ENGL 115	History of the English Language	
ENGL 223	Chaucer <sup>H</sup>	
ENGL 224	Survey of Medieval English Literature, excluding Chaucer <sup>H</sup>	
ENGL 225	Shakespeare <sup>H</sup>	
ENGL 226	Renaissance Drama <sup>H</sup>	
ENGL 227	Literature of the Earlier Renaissance <sup>H</sup>	
ENGL 228	Literature of the Later Renaissance <sup>H</sup>	
ENGL 230	Milton <sup>H</sup>	

ENGL 233	Contemporary Approaches to 18th-Century Literature and Culture <sup>H</sup>	
ENGL 236	18th-Century Fiction <sup>H</sup>	
ENGL 237	18th-Century Drama <sup>H</sup>	
ENGL 325	Shakespeare and His Contemporaries <sup>H</sup>	
ENGL 327	Renaissance Literature and Its Intellectual Contexts	
ENGL 330	Perspectives on the Renaissance	
ENGL 331	18th-Century Literature <sup>H</sup>	
ENGL 430	Renaissance Literature—Contemporary Issues	
ENGL 619	Survey of Old and Middle English Literature	
ENGL 620	Introduction to Old English Language and Literature	
ENGL 621	Arthurian Romance	
ENGL 630	Shakespeare and His Contemporaries	
ENGL 660	War in Shakespeare's Plays	
Pre-1900 American literature course (select one)		3
ENGL 151	Nineteenth-Century American Literature	
ENGL 220	American Literature, Before 1900 <sup>H</sup>	
ENGL 367	African American Literature to 1930 <sup>H</sup>	
ENGL 443	American Literature before 1860—Contemporary Issues <sup>H</sup>	
ENGL 444	American Literature, 1860-1900—Contemporary Issues <sup>H</sup>	
Multi-Ethnic and Diversity course (select one)		3
CMPL 252	Popular Culture in Modern Southeast Asia	
CMPL 254	Horror and the Global Gothic: Film, Literature, Theory	
ENGL 129	Literature and Cultural Diversity <sup>H, F</sup>	
ENGL 134H	First-Year Honors: Women's Lives	
ENGL 137	Digital Literature	
ENGL 140	Introduction to Gay and Lesbian Culture and Literature	
ENGL 155	The Visual and Graphic Narrative	
ENGL 164	Introduction to Latina/o Studies <sup>H</sup>	
ENGL 240	Caribbean Literature	
ENGL 248	Intersectionality: Race, Gender, Sexuality, and Social Justice	
ENGL 263	Literature and Gender <sup>H</sup>	
ENGL 264	Healing in Ethnography and Literature	
ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>	
ENGL 267	Growing Up Latina/o	
ENGL 269	Introduction to Disability Studies	
ENGL 270	Studies in Asian American Literature	
ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture	
ENGL 272	Studies in African American Authors	

ENGL 289	Jewish American Literature and Culture of the 20th Century
ENGL 359	Latina Feminisms
ENGL 360	Contemporary Asian American Literature and Theory
ENGL 361	Asian American Women's Writing
ENGL 363	Feminist Literary Theory <sup>H</sup>
ENGL 367	African American Literature to 1930 <sup>H</sup>
ENGL 368	African American Literature, 1930-1970 <sup>H</sup>
ENGL 369	African American Literature, 1970 to the Present <sup>H</sup>
ENGL 370	Race, Health, and Narrative <sup>H</sup>
ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>
ENGL 377	Introduction to the Celtic Cultures
ENGL 382	Literature and Media <sup>H</sup>
ENGL 385	Literature and Law
ENGL 386	Gender, Sexuality, and the South Asian Diaspora
ENGL 387	Canadian Literature
ENGL 467	Educating Latinas/os: Preparing SLI Mentors
ENGL 472	African American Literature—Contemporary Issues <sup>H</sup>
ENGL 475	Southern Literature—Contemporary Issues
ENGL 665	Queer Latina/o Literature, Performance, and Visual Art
ENGL 666	Queer Latina/o Photography and Literature
ENGL 670	Being and Race in African American Literature
ENGL 685	Literature of the Americas
Select four (4) additional courses from ENGL and/or CMPL <sup>1</sup>	
<b>Total Hours</b>	<b>21</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191.

## Concentration in Science, Medicine, and Literature

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours
Select four (4) electives from the lists below: <sup>1</sup>		12
Courses in the department:		
CMPL 383	Literature and Medicine <sup>H</sup>	

ENGL 264	Healing in Ethnography and Literature
ENGL 266	Science and Literature <sup>H</sup>
ENGL 268	Medicine, Literature, and Culture <sup>H</sup>
ENGL 269	Introduction to Disability Studies
ENGL 300	Professional Writing and Editing
ENGL 370	Race, Health, and Narrative <sup>H</sup>
ENGL 610	Practicum in Health Humanities
ENGL 611	Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar
Courses outside the department (no more than two): <sup>1</sup>	
AAAD 300	Cultures of Health and Healing in Africa
ANTH 147	Comparative Healing Systems
ANTH 270	Living Medicine
ANTH 319	Global Health
ANTH 442	Health and Gender after Socialism
ANTH 443	Cultures and Politics of Reproduction
ANTH 444	Medicine, Politics, and Justice
ANTH 470	Medicine and Anthropology
ANTH 473	Anthropology of the Body and the Subject
ANTH 474	The Anthropology of Disability
GEOG 222	Health and Medical Geography
HIST 329	An Introduction to the History of Medicine <sup>H</sup>
HNRS 650	Topics in Medicine and the Humanities (must be taken for 3 credits)
MEJO 560	Environmental and Science Journalism <sup>H</sup>
PLCY 361	Health Policy in the United States
PLCY 565	Global Health Policy
PLCY 570	Health and Human Rights
RELI 665	Body and Suffering in Christian Mysticism
SOCI 422	Sociology of Mental Health and Illness
SOCI 431	Aging
Select three (3) additional courses from ENGL and/or CMPL <sup>2</sup>	
<b>Total Hours</b>	<b>21</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> No more than two (2) courses outside the department.

<sup>2</sup> Excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191.

## Concentration in Social Justice and Literature

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours
Select four (4) courses from the lists below: <sup>1</sup>		12
Courses in the department:		
CMPL 180	Race and Ethnicity in Hollywood Productions and Beyond	

CMPL 258	Iranian Prison Literature
CMPL 261	India through Western Eyes
CMPL 262	Film and Politics
CMPL 270	German Culture and the Jewish Question
CMPL 359	Literary Diasporas of the Middle East
CMPL 442	Postcolonial Literature of the Middle East
ENGL 129	Literature and Cultural Diversity <sup>H, F</sup>
ENGL 140	Introduction to Gay and Lesbian Culture and Literature
ENGL 158	Postcolonial Literature <sup>H</sup>
ENGL 164	Introduction to Latina/o Studies <sup>H</sup>
ENGL 240	Caribbean Literature
ENGL 248	Intersectionality: Race, Gender, Sexuality, and Social Justice
ENGL 263	Literature and Gender <sup>H</sup>
ENGL 265	Literature and Race, Literature and Ethnicity <sup>H</sup>
ENGL 267	Growing Up Latina/o
ENGL 269	Introduction to Disability Studies
ENGL 270	Studies in Asian American Literature
ENGL 271	Mixed-Race America: Race in Contemporary American Literature and Culture
ENGL 272	Studies in African American Authors
ENGL 289	Jewish American Literature and Culture of the 20th Century
ENGL 359	Latina Feminisms
ENGL 360	Contemporary Asian American Literature and Theory
ENGL 361	Asian American Women's Writing
ENGL 363	Feminist Literary Theory <sup>H</sup>
ENGL 367	African American Literature to 1930 <sup>H</sup>
ENGL 368	African American Literature, 1930-1970 <sup>H</sup>
ENGL 369	African American Literature, 1970 to the Present <sup>H</sup>
ENGL 370	Race, Health, and Narrative <sup>H</sup>
ENGL 371	The Place of Asian Americans in Southern Literature <sup>H</sup>
ENGL 385	Literature and Law
ENGL 386	Gender, Sexuality, and the South Asian Diaspora
ENGL 403	Rhetoric and Social Justice <sup>H</sup>
ENGL 472	African American Literature—Contemporary Issues <sup>H</sup>
ENGL 488	Critical Security Studies
ENGL 659	War in 20th-Century Literature <sup>H</sup>
ENGL 665	Queer Latina/o Literature, Performance, and Visual Art
ENGL 666	Queer Latina/o Photography and Literature
ENGL 685	Literature of the Americas

ENGL 670	Being and Race in African American Literature
Courses outside the department (no more than two): <sup>1</sup>	
PLCY/AAAD 354	The Lived Experience of Inequality and Public Policy
Select three (3) additional courses in ENGL and/or CMPL <sup>2</sup>	
<b>Total Hours</b>	<b>21</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> No more than two (2) courses outside the department.

<sup>2</sup> Excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191.

## Concentration in Writing, Editing, and Digital Publishing

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours
Select one (1) course from the following list: <sup>1</sup>		3
ENGL 300	Professional Writing and Editing	
ENGL 300I	Professional Writing in Health and Medicine (Interdisciplinary)	
ENGL 301	Professional Writing in the Arts	
ENGL 302	Professional Communication for Social Movements	
ENGL 303	Scientific and Technical Communication	
ENGL 304	Advanced Business Communication	
ENGL 305	Advanced Legal Communication	
ENGL 318	Multimedia Composition <sup>H</sup>	
Select four (4) courses from the following lists: <sup>2</sup>		12
Courses in the department (as many as four):		
CMPL 250	Approaches to Comparative Literature <sup>H</sup>	
CMPL 251	Introduction to Literary Theory	
ENGL 115	History of the English Language	
ENGL 117	Arguing on the Internet: Rhetoric in the Age of Social Media	
ENGL 119	Picture This: Principles of Visual Rhetoric	
ENGL 127	Writing about Literature	
ENGL 130	Introduction to Fiction Writing	
ENGL 131	Introduction to Poetry Writing	
ENGL 132H	First-Year Honors: Introduction to Fiction Writing	
or ENGL 133	First-Year Honors: Introduction to Poetry Writing	

ENGL 136	The Publishing Industry: Editing, Design, and Production
ENGL 137	Digital Literature
ENGL 138	Introduction to Creative Nonfiction
ENGL 149	Digital Composition
ENGL 150	Introductory Seminar in Literary Studies
ENGL 206	Intermediate Fiction Writing
ENGL 207	Intermediate Poetry Writing
ENGL 208	Reading and Writing Creative Nonfiction
ENGL 213	Grammar of Current English
ENGL 215	English in the U.S.A. <sup>H</sup>
ENGL 283	Life Writing <sup>H</sup>
ENGL 300	Professional Writing and Editing
ENGL 300I	Professional Writing in Health and Medicine (Interdisciplinary)
ENGL 301	Professional Writing in the Arts
ENGL 302	Professional Communication for Social Movements
ENGL 303	Scientific and Technical Communication
ENGL 304	Advanced Business Communication
ENGL 305	Advanced Legal Communication
ENGL 306	Playwriting
ENGL 307	Studies in Fiction and Poetry: Stylistics
ENGL 308	Gram-O-Rama: Grammar in Performance
ENGL 309	Theatrical Writing for the Puppet Stage
ENGL 317	Writing and Social Networks
ENGL 318	Multimedia Composition <sup>H</sup>
ENGL 324	Creating the Video Essay
ENGL 384	Podcasting
ENGL 392	Professional Writing Portfolio Development and Publication
ENGL 400	Advanced Composition for Teachers
ENGL 402	Investigations in Academic Writing and Writing Centers
ENGL 403	Rhetoric and Social Justice <sup>H</sup>
ENGL 406	Advanced Fiction Writing
ENGL 407	Advanced Poetry Writing
ENGL 408	Collaboration: Composers and Lyricists
ENGL 409	Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing
ENGL 480	Digital Humanities History and Methods
ENGL 482	Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities
ENGL 487	Everyday Stories: Personal Narrative and Legend
ENGL 674	Digital Literature
ENGL 675	Teaching Online

ENGL 676	Digital Editing and Curation
Courses outside the department (no more than two):	
AMST 475	Documenting Communities <sup>H</sup>
BUSI 401	Management and Corporate Communication
COMM 113	Public Speaking
COMM 350	Practices of Cultural Studies
COMM 432	Visual Culture
COMM/DRAM 131	Writing for the Screen and Stage
COMM/ENEC 375	Environmental Advocacy
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>
DRAM 231	Playwriting I
HIST/FOLK 670	Introduction to Oral History
MEJO 153	Writing and Reporting
WGST 695	Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>
Select two (2) additional courses in ENGL and/or CMPL <sup>3</sup>	
<b>Total Hours</b>	<b>21</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students may substitute a course from this list for the depth requirement from the core. Students would then need to select a second course from this list to fulfill the requirement for the concentration.

<sup>2</sup> No more than two (2) courses may be taken outside the department.

<sup>3</sup> Excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191.

## Concentration in Creative Writing

In addition to the core curriculum (three courses) described above, students must complete the following requirements. No concentration courses may be taken online.

Code	Title	Hours
Select five (5) courses from one of the following options:		15
<b>Combination of Genres <sup>1</sup></b>		
Any course from any track below and/or from the following list of courses:		
ENGL 307	Studies in Fiction and Poetry: Stylistics	
ENGL 351	From Manuscript to Press: Writer as Publisher	
ENGL 490	Creative Writing: Special Topics	
COMM 330	Introduction to Writing for Film and Television	
COMM 433	Intermediate Screenwriting	
MEJO 356	Feature Writing	
<b>Fiction Track</b>		
ENGL 130	Introduction to Fiction Writing	
or ENGL 132H  First-Year Honors: Introduction to Fiction Writing		
ENGL 307	Studies in Fiction and Poetry: Stylistics (with approval based on topic)	

or ENGL 206	Intermediate Fiction Writing
ENGL 406	Advanced Fiction Writing
ENGL 693H & ENGL 694H	Creative Writing Senior Honors Thesis, Part I and Creative Writing Senior Honors Thesis, Part II

**Poetry Track**

ENGL 131	Introduction to Poetry Writing
or ENGL 133	First-Year Honors: Introduction to Poetry Writing
ENGL 307	Studies in Fiction and Poetry: Stylistics (with approval based on topic)
or ENGL 207	Intermediate Poetry Writing
ENGL 407	Advanced Poetry Writing
ENGL 693H & ENGL 694H	Creative Writing Senior Honors Thesis, Part I and Creative Writing Senior Honors Thesis, Part II

**Musical/Musical Theater Writing Track <sup>1</sup>**

ENGL 306	Playwriting
ENGL 308	Gram-O-Rama: Grammar in Performance
ENGL 309	Theatrical Writing for the Puppet Stage
ENGL 408	Collaboration: Composers and Lyricists
ENGL 409	Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing
ENGL 490	Creative Writing: Special Topics (with approval based on topic)
MUSC 166	Introduction to Composition
MUSC 381	Inside the Song: Analysis of Songcraft
DRAM 231	Playwriting I
DRAM 292	"Corner of the Sky": The American Musical

**Creative Nonfiction Writing Track**

ENGL 138	Introduction to Creative Nonfiction
ENGL 208	Reading and Writing Creative Nonfiction
or ENGL 283	Life Writing
ENGL 404	Advanced Creative Nonfiction
ENGL 693H	Creative Writing Senior Honors Thesis, Part I
ENGL 694H	Creative Writing Senior Honors Thesis, Part II

**Select two (2) additional courses in ENGL and/or CMPL <sup>2</sup>** **6**

**Total Hours** **21**

<sup>1</sup> No more than two (2) courses can be taken outside the Department of English and Comparative Literature.

<sup>2</sup> Excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191.

**Concentration in Comparative and World Literatures**

In addition to the core curriculum (three courses) and additional requirements described above, students must complete the following requirements.

Code	Title	Hours
It is recommended to choose a CMPL course from the Survey I list in the core curriculum.		

CMPL 250	Approaches to Comparative Literature <sup>H</sup>	3
or CMPL 251	Introduction to Literary Theory	
CMPL 495	Advanced Seminar	3
Select one (1) to three (3) international literature courses taught in any foreign language department (200-level or higher) <sup>1,2</sup>		3-9
Select two (2) to four (4) CMPL or ENGL courses (excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191). No more than two (2) from ENGL.		6-12
<b>Total Hours</b>		<b>21</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Foreign language departments include Asian Studies, Classics, Germanic and Slavic Languages, Romance Studies.

<sup>2</sup> At least one course should be focused on literature written in the original language.

**Concentration in Film Studies**


The film studies concentration focuses on the history, theory, analysis, and politics of cinema in a global context. Students become conversant with the evolution of film genres, styles, and traditions, while exploring relationships between film and other artistic forms, including literature, painting, photography, television, and digital video. This concentration enables students to gain skills of audiovisual literacy that are necessary for navigating the many screens of our modern world.

Students pursuing the film studies concentration do not follow the core requirements described above. Instead, students must complete the following requirements (10 courses):

Code	Title	Hours
<b>Core Requirements</b>		
Survey I course (select one):		3
CMPL 143	History of Global Cinema	
Survey II course (select one):		3
CMPL 142	Visual Culture II	
CMPL 150	Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship	
CMPL 227	Global Authors: The Middle Ages in World Cinema	
CMPL 255	The Feast in Film, Fiction, and Philosophy <sup>H</sup>	
CMPL 267	Contemporary German and Austrian Cinema	
ENGL 244	Queer Cinema	
ENGL 252	National and Transnational Cinemas	
ENGL 255	Introduction to Media Studies	
ENGL 323	American Cinema of the 1970s: New Hollywood and Beyond	
ENGL 378	Film Criticism	
ENGL 380	Topics In Film History <sup>H</sup>	
ENGL 381	Literature and Cinema	
ENGL 681	Topics in Contemporary Film and Media <sup>H</sup>	
Depth course (select one):		3

CMPL 212	 The Cinematic City	CHIN 244	Introduction to Modern Chinese Culture through Cinema
CMPL 225	 Global Authors: The Worlds of Shakespeare	CHIN 346	 History as Fiction or Fiction as History? Early Chinese History in Film and Literature
CMPL 254	 Horror and the Global Gothic: Film, Literature, Theory	CHIN 464	 The City in Modern Chinese Literature and Film
CMPL 262	 Film and Politics	CMPL 144	 Engaging Film and Media
CMPL 271	Women in German Cinema	CMPL 180	 Race and Ethnicity in Hollywood Productions and Beyond
CMPL 280	 Film Genres	CMPL 212	 The Cinematic City
CMPL/ASIA 379	 Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	CMPL 220	 Global Authors: Jane Austen <sup>H</sup>
CMPL 420	 Film, Photography, and the Digital Image	CMPL 223	 Global Authors: Cervantes
CMPL 463	 Cinema and Surrealism	CMPL 225	 Global Authors: The Worlds of Shakespeare
CMPL 494	The Essay Film: Adventures in Modern Cinema since 1945	CMPL 227	 Global Authors: The Middle Ages in World Cinema
ENGL 251	Film Performance and Stardom	CMPL 254	 Horror and the Global Gothic: Film, Literature, Theory
ENGL 389	 Major Film Directors	CMPL 255	 The Feast in Film, Fiction, and Philosophy <sup>H</sup>
ENGL 410	 Documentary Film <sup>H</sup>	CMPL 262	 Film and Politics
ENGL 494	 Research Methods in Film Studies	CMPL 266	Weimar Cinema
ENGL 681	 Topics in Contemporary Film and Media <sup>H</sup>	CMPL 267	 Contemporary German and Austrian Cinema
Methods/Critical Approach course (select one):	3	CMPL 271	Women in German Cinema
CMPL 240	 Introduction to Film Theory	CMPL 280	 Film Genres
or ENGL 680	 Film Theory	CMPL/GSLL 281	Holocaust Cinema in Eastern Europe
Foundational course (select one):	3	CMPL/RUSS 282	Russian Literature in World Cinema
ENGL 142	 Film Analysis <sup>H</sup>	CMPL 375	 New Wave Cinema: Its Sources and Its Legacies
Select two (2) additional ENGL and/or CMPL courses <sup>1</sup>	6	CMPL 382	 Film and Nature
Film elective courses (select three):	9	CMPL 420	 Film, Photography, and the Digital Image
AAAD 250	 The African American in Motion Pictures: 1900 to the Present	CMPL 452	The Middle Ages
AMST 268	American Cinema and American Culture	CMPL 463	 Cinema and Surrealism
AMST 336	Native Americans in Film	CMPL 494	The Essay Film: Adventures in Modern Cinema since 1945
AMST 365	 Women and Detective Fiction: From Miss Violet Strange to Veronica Mars	CMPL 452	The Middle Ages
AMST 371	 LGBTQ Film and Fiction from 1950 to the Present	COMM 130	 Introduction to Media Production
AMST 483	 Seeing the USA: The Film Director as Public Intellectual	COMM/DRAM 131	Writing for the Screen and Stage
ARAB 453	 Film, Nation, and Identity in the Arab World	COMM 230	Audio/Video/Film Production and Writing
ASIA 124	 Iranian Post-1979 Cinema	COMM 330	Introduction to Writing for Film and Television
ASIA 231	 Bollywood Cinema	COMM 331	Writing the Short Film
ASIA 235	 Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	COMM 335	 Film Story Analysis
ASIA 262	 Nation, Film, and Novel in Modern India	COMM 337	 Visual Storytelling for Screenwriters
ASIA 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	COMM/WGST 345	 Gender and Film
ASIA 435	 The Cinemas of the Middle East and North Africa	COMM 412	 Critical Theory
ASIA/CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	COMM 430	 History of American Screenwriting
		COMM 431	 Advanced Audio Production

COMM 534	 Aesthetic and Technical Considerations in Making Short Videos
COMM 635	 Documentary Production
COMM 653	 Experimental Video
COMM 654	 Motion Graphics, Special Effects, and Compositing
COMM 681	 Contemporary Film Theory
COMM 682	History of the Moving Image: Pasts, Presents, Futures
COMM 683	Moving-Image Avant-Gardes and Experimentalism
ENGL 251	Film Performance and Stardom
ENGL 252	National and Transnational Cinemas
ENGL 256	Crafting the Dramatic Film: Theory Meets Practice
ENGL 257	Video Games and Narrative Cinema
ENGL 323	 American Cinema of the 1970s: New Hollywood
ENGL 324	 Creating the Video Essay
ENGL 378	 Film Criticism
ENGL 380	 Topics In Film History <sup>H</sup>
ENGL 382	 Literature and Media <sup>H</sup>
ENGL 399	 Cinema and the Museum
ENGL 410	 Documentary Film <sup>H</sup>
ENGL 494	 Research Methods in Film Studies
ENGL 681	 Topics in Contemporary Film and Media <sup>H</sup>
FREN 386	French New Wave Cinema
FREN 388	History of French Cinema I: 1895-1950
FREN 389	History of French Cinema II: 1950 to the Present
FREN 505	African Francophone Cinema
GERM 265	 Hitler in Hollywood: Cinematic Representations of Nazi Germany
GERM 268	Auteur Cinema
GERM/WGST 271	Women in German Cinema
GERM 272	 History of German Cinema
GERM 281	The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI
GERM 382	Representations of Violence and Terrorism in Contemporary German Literature and Film
GSSL 283	Hungarian Cinema since World War II
GERM 479	What is a Medium? German Media Theory from Aesthetics to Cultural Techniques
HIST 124	 United States History through Film
HIST 302	 Movies Make History: Films as Primary Sources in Europe and America <sup>H</sup>
HIST 353	Cinema, Culture, and Society
ITAL 333	 Italian Film and Culture
ITAL 335	 Themes in Italian Film
ITAL 340	 Italian America
JAPN 490	Topics in Japanese Language and Literature

PORT 388  Portuguese, Brazilian, and African Identity in Film

SPAN 361  Hispanic Film

WGST 345  Gender and Film

#### Additional Requirements

At least six (6) courses (out of 10) must be at or above the 200 level.

At least two (2) courses (out of 10) must be at the 300-level (Writing Intensive).

At least one (1) course (out of 10) must be at the 400-level (Research Intensive).

**Total Hours** **30**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>Beyond</sup> Excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191.

## Special Opportunities in English and Comparative Literature

### Honors in English and Comparative Literature

The department offers at least two honors seminars each semester. In addition, students seeking a degree with honors in English and Comparative Literature (a 3.3 cumulative grade point average and a 3.6 grade point average in major courses required) undertake a year-long independent project during their senior year (ENGL 691H and ENGL 692H or CMPL 691H and CMPL 692H) and usually produce a 40- to 70-page thesis under the direction of a faculty member. Students pursuing a degree with honors normally meet every week with the professors supervising their projects. This opportunity for individually directed research and writing often proves to be a high point of the student's academic career.

### Honors in Creative Writing

See "Creative Writing Minor (p. 451)."

### Study Abroad

Some of the best programs offered at the University for study overseas are especially appropriate and useful to majors in the Department of English and Comparative Literature. These include semester or year-long programs at Bristol, Manchester, Sussex, Edinburgh, Glasgow, and certain Australian universities. Students who have a minimum grade point average of 3.3 at the end of their sophomore year can participate in the King's College Exchange Program at King's College, London (representing either English or comparative literature). Special opportunities are also available at Oxford University and through the Joint Degree Program with the National University of Singapore. Comparative literature students most frequently travel to non-English-speaking destinations. For information on all overseas programs, see the Study Abroad Office. (<http://studyabroad.unc.edu>)

### Internship Program

Internships are a great way to explore career options before graduation. A major in English and comparative literature, with its focus on writing, oral communication, and research, opens the door to a wide variety of career paths. The Department of English and Comparative Literature provides



the opportunity for students to receive credit for an internship that relates to the major.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 441)

### Minors

- Comparative Literature Minor (p. 449)
- Composition, Rhetoric, and Digital Literacy Minor (p. 450)
- Creative Writing Minor (p. 451)
- English Minor (p. 454)
- Global Cinema Minor (p. 455)
- Latina/o Studies Minor (p. 456)
- Medicine, Literature, and Culture Minor (p. 458)

### Graduate Programs

- Ph.D. in English and Comparative Literature ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English))
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English))

## Contact Information

**Department of English and Comparative Literature**  
 Visit Program Website (<http://englishcomplit.unc.edu>)  
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**Chair**  
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## Comparative Literature Minor




The comparative literature minor offers students flexibility to develop creative approaches to international literature and film, while placing a strong emphasis on foreign language learning and training in theory. The program encourages students to develop rigorous analytic skills and excellent communication skills applicable to a wide range of fields.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
One course from Great Books I (CMPL courses numbered between 120 and 129)		3
CMPL 120	 Great Books I: Epic and Lyric Traditions	
CMPL 121	 Great Books I: Romancing the World <sup>H</sup>	
CMPL 122	 Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	
CMPL 123	 Great Books I: Politics and Literature from Antiquity to 1750	
CMPL 124	 Great Books I: Science and Literature from Antiquity to 1750	
One course from Great Books II (CMPL courses numbered between 130 and 142)		3
CMPL 130	 Great Books II <sup>H</sup>	
CMPL 131	 Great Books II: Savage, Native, Stranger, Other	
CMPL 132	 Great Books II: Performance and Cultural Identity in the African Diaspora	
CMPL 133	 Great Books II: Imaging the Americas from the Late 18th Century to the Present	
CMPL 134	 Great Books II: Travel and Identity <sup>H</sup>	
CMPL 142	 Visual Culture II	
Three additional courses numbered between CMPL 200 and CMPL 699		9
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Courses cross-listed between comparative literature and classics may not be counted for a minor in comparative literature by students majoring in classics.

Comparative Literature (CMPL) course descriptions (p. 403).

See the program page here (p. 448) for special opportunities.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 441)

### Minors

- Comparative Literature Minor (p. 449)
- Composition, Rhetoric, and Digital Literacy Minor (p. 450)
- Creative Writing Minor (p. 451)
- English Minor (p. 454)
- Global Cinema Minor (p. 455)
- Latina/o Studies Minor (p. 456)
- Medicine, Literature, and Culture Minor (p. 458)

## Graduate Programs

- Ph.D. in English and Comparative Literature ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English))
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English))

## Contact Information

### Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)

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### Chair

Marsha Collins

### ECL Undergraduate Advisor

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### Director of Undergraduate Studies

Martin L. Johnson

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## Composition, Rhetoric, and Digital Literacy Minor

The minor in composition, rhetoric, and digital literacy emphasizes both conceptual and practical concerns related to composing, digital culture, and communication. Our courses involve hands-on, communication-intensive work and range from advanced writing classes to courses covering networked and multimedia composition.



## Requirements


In addition to the program requirements listed below, students must:


- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.


For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor requires 15 hours and may be earned by taking five courses in the minor.

Code	Title	Hours
<b>Core Requirements</b>		
At least one (and up to five) of the following courses:		3-15
ENGL 300	Professional Writing and Editing	
ENGL 300I	Professional Writing in Health and Medicine (Interdisciplinary)	
ENGL 301	 Professional Writing in the Arts	
ENGL 302	 Professional Communication for Social Movements	

ENGL 303  Scientific and Technical Communication

ENGL 304  Advanced Business Communication

ENGL 305  Advanced Legal Communication

ENGL 318  Multimedia Composition <sup>H</sup>





















Up to four courses from the list of electives to reach the five course total (see list below) 0-12







Up to one of the five courses may be from the list below of courses that fulfill the Communication Intensive (CI) General Education requirement 0-3

**Total Hours** 15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.






## Elective Courses

Code	Title	Hours
ENGL 115	 History of the English Language	3
ENGL 116	 History of Writing: From Pen to Pixel	3
ENGL 117	 Arguing on the Internet: Rhetoric in the Age of Social Media	3
ENGL 119	Picture This: Principles of Visual Rhetoric	3
ENGL 127	 Writing about Literature	3
ENGL 130	 Introduction to Fiction Writing	3
ENGL 131	 Introduction to Poetry Writing	3
ENGL 132H	 First-Year Honors: Introduction to Fiction Writing	3
or ENGL 133H	 First-Year Honors: Introduction to Poetry Writing	
ENGL 136	 The Publishing Industry: Editing, Design, and Production	3
ENGL 137	Digital Literature	3
ENGL 138	 Introduction to Creative Nonfiction	3
ENGL 149	 Digital Composition	3
ENGL 150	 Introductory Seminar in Literary Studies	3
ENGL 213	Grammar of Current English	3
ENGL 215	English in the U.S.A. <sup>H</sup>	3
ENGL 283	 Life Writing <sup>H</sup>	3
ENGL 295	 Undergraduate Research Seminar <sup>H</sup>	3
ENGL 300	Professional Writing and Editing	3
ENGL 300I	Professional Writing in Health and Medicine (Interdisciplinary)	3
ENGL 301	 Professional Writing in the Arts	3
ENGL 302	 Professional Communication for Social Movements	3
ENGL 303	 Scientific and Technical Communication	3
ENGL 304	 Advanced Business Communication	3
ENGL 305	 Advanced Legal Communication	3
ENGL 307	 Studies in Fiction and Poetry: Stylistics	3
ENGL 312	Oral Presentations in the Professional World	3

ENGL 317	 Writing and Social Networks	3
ENGL 324	 Creating the Video Essay	3
ENGL 351	From Manuscript to Press: Writer as Publisher	3
ENGL 384	Podcasting	3
ENGL 392	Professional Writing Portfolio Development and Publication	3
ENGL 400	 Advanced Composition for Teachers	3
ENGL 402	Investigations in Academic Writing and Writing Centers	3
ENGL 403	 Rhetoric and Social Justice <sup>H</sup>	3
ENGL 411	Writing for Clients: Technical Communication Practicum	3
ENGL 473	The Changing Coasts of Carolina	3
ENGL 480	Digital Humanities History and Methods	3
ENGL 482	 Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3
ENGL 674	Digital Literature	3
ENGL 675	Teaching Online	3
ENGL 676	 Digital Editing and Curation	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Communication Intensive (CI) Courses

Code	Title	Hours
Any ENGL or CMPL course above the 105 level that fulfill the CI requirement		
AMST 475	Documenting Communities <sup>H</sup>	3
BUSI 401	Management and Corporate Communication	3
CMPL 250	 Approaches to Comparative Literature <sup>H</sup>	3
CMPL 251	 Introduction to Literary Theory	3
COMM 113	 Public Speaking	3
COMM/DRAM 131	Writing for the Screen and Stage	3
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>	3
COMM 350	 Practices of Cultural Studies	3
COMM/ENEC 375	Environmental Advocacy	3
COMM 432	Visual Culture	3
DRAM 231	Playwriting I	3
HIST/FOLK 670	Introduction to Oral History	3
MEJO 153	Writing and Reporting	3
WGST 695	 Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 448) for special opportunities.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 441)

### Minors

- Comparative Literature Minor (p. 449)
- Composition, Rhetoric, and Digital Literacy Minor (p. 450)
- Creative Writing Minor (p. 451)
- English Minor (p. 454)
- Global Cinema Minor (p. 455)
- Latina/o Studies Minor (p. 456)
- Medicine, Literature, and Culture Minor (p. 458)

### Graduate Programs

- Ph.D. in English and Comparative Literature ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English))
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English))

## Contact Information

### Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)

Greenlaw Hall, CB# 3520  
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### Program Director

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### Chair

Marsha Collins

### ECL Undergraduate Advisor

Hilary Lithgow  
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### Director of Undergraduate Studies

Martin L. Johnson  
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## Creative Writing Minor

The undergraduate creative writing program at UNC–Chapel Hill is — and has long been — one of the best in the country. Its first-rate faculty and students have published widely, won many prizes, and played a major role in shaping the contemporary literature of North Carolina, the South, and the nation.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill

- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The Creative Writing Program offers a minor in creative writing. The minor requires 15 hours, a total of five courses.

Enrollment in courses beyond the intermediate level is by permission only. Students may declare the minor through Academic Advising. Completion of a minor in creative writing is contingent on the student's successful advancement through the sequence.

The Creative Writing Program also gives credit toward the minor for several courses offered in other departments, such as DRAM 231, COMM 330, COMM 433, and MEJO 356. To qualify for a degree with honors or highest honors in creative writing, students must maintain a 3.3 grade point average and meet all requirements both to enter and to complete the senior honors seminar (ENGL 693H and ENGL 694H). Students minoring in creative writing and planning to study abroad must plan carefully so that they meet all submission and deadline requirements for applying to successive courses.

To complete the minor, students will complete five (5) courses from one of the following options:

### Combination of Genres:

Code	Title	Hours
Select five (5) courses from any track below and/or from the following list of courses: <sup>1</sup>		15
ENGL 307	Studies in Fiction and Poetry: Stylistics	
ENGL 351	From Manuscript to Press: Writer as Publisher	
ENGL 490	Creative Writing: Special Topics	
COMM 330	Introduction to Writing for Film and Television	
COMM 433	Intermediate Screenwriting	
MEJO 356	Feature Writing	
<b>Total Hours</b>		<b>15</b>

### Fiction Track:

Code	Title	Hours
ENGL 130	Introduction to Fiction Writing	3
or ENGL 132H	First-Year Honors: Introduction to Fiction Writing	
Select one of the following courses:		3
ENGL 206	Intermediate Fiction Writing	
ENGL 210	Writing Young Adult Literature	
ENGL 211	Writing Political Fiction	
ENGL 307	Studies in Fiction and Poetry: Stylistics (with approval based on topic)	
ENGL 406	Advanced Fiction Writing	3

ENGL 693H & ENGL 694H	Creative Writing Senior Honors Thesis, Part I and Creative Writing Senior Honors Thesis, Part II (a yearlong, two-semester senior workshop, which counts as two courses and can lead to graduation with honors or with highest honors in creative writing)	6
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**Total Hours** 15

### Poetry Track:

Code	Title	Hours
ENGL 131	Introduction to Poetry Writing	3
or ENGL 133H	First-Year Honors: Introduction to Poetry Writing	
Select one of the following courses:		3
ENGL 207	Intermediate Poetry Writing	
ENGL 307	Studies in Fiction and Poetry: Stylistics (with approval based on topic)	
ENGL 407	Advanced Poetry Writing	3
ENGL 693H & ENGL 694H	Creative Writing Senior Honors Thesis, Part I and Creative Writing Senior Honors Thesis, Part II (a yearlong, two-semester senior workshop, which counts as two courses and can lead to graduation with honors or with highest honors in creative writing)	6

**Total Hours** 15


### Musical/Musical Theater Writing Track:

Code	Title	Hours
Select five (5) courses: <sup>1</sup>		15
ENGL 306	Playwriting	
ENGL 308	Gram-O-Rama: Grammar in Performance	
ENGL 408	Collaboration: Composers and Lyricists	
ENGL 409	Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing	
ENGL 490	Creative Writing: Special Topics (with permission based on topic)	
MUSC 166	Introduction to Composition	
MUSC 381	Inside the Song: Analysis of Songcraft	
DRAM 231	Playwriting I	
DRAM 292	"Corner of the Sky": The American Musical	

**Total Hours** 15

### Creative Nonfiction Writing Track:

Code	Title	Hours
ENGL 138	Introduction to Creative Nonfiction	3
ENGL 208	Reading and Writing Creative Nonfiction	3
or ENGL 283	Life Writing	
ENGL 404	Advanced Creative Nonfiction	3
ENGL 693H	Creative Writing Senior Honors Thesis, Part I	3

ENGL 694H	 Creative Writing Senior Honors Thesis, Part II	3
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> No more than two (2) courses can be taken outside the Department of English and Comparative Literature.

ENGL 130, ENGL 131, ENGL 132H, ENGL 133H, and ENGL 138, the introductory classes, are prerequisites to other Creative Writing Program classes. ENGL 130, ENGL 131, and ENGL 138 are open for registration by rising sophomores only during spring semester for the following fall and for current sophomores only during fall semester for the following spring. Rising or current sophomores may register for ENGL 130, ENGL 131, or ENGL 138, but not for more than one of these three courses. Demand by sophomores regularly exceeds the number of seats available. Enrollment of juniors and seniors is on a space-available basis by permission of the instructor, and students may inquire of the instructor during the first week of classes to see if seats are available. ENGL 130, ENGL 131, and ENGL 138 are sometimes offered during summer sessions with no registration restrictions. Please always review summer session course listings for any changes or updates.

Advancement to successive courses in either the fiction or poetry sequence is by recommendation of the student's previous instructor(s) and by application for both the advanced workshops and senior honors seminars. If possible, the student is assigned to a different instructor for each course. Should students not advance beyond the intermediate level, they may choose to finish the minor with other classes offered in creative writing. Creative writing minors receive priority in all creative writing classes and usually fill all seats.

Students completing the five courses for the minor may take additional creative writing courses only by permission of the director, providing that all other students still completing the minor are served first.

## Transfer Students: Important Information

The requirement for taking a minor in creative writing is five courses or 15 semester hours. Students are limited to one creative writing course per semester. Most junior transfer students have four semesters remaining. Junior transfer students wanting to minor in creative writing must either

1. Have an introductory course already on their record that will transfer to Carolina as credit, e.g., an introductory course in fiction writing or poetry writing taken previously at a college or university that is transferring in as credit for ENGL 130 or ENGL 131; OR
2. Take an introductory course via UNC–Chapel Hill Summer School prior to their first fall term at Carolina and be promoted to the next level or to another creative writing class (on a space-available basis) in the fall of their junior year.

Permission to move forward with transfer credit for an introductory course requirement (Option 1 above) will require a review by the creative writing faculty of the syllabus and work completed in the course and is dependent on space availability, which cannot be guaranteed. Students must provide hard copies of syllabi and samples of coursework as early as possible in order to ensure time for review and to schedule a meeting with the director.

Junior transfer students fulfilling one of these two options would be eligible for Advanced Fiction or Poetry (ENGL 406 or ENGL 407) and the senior honors seminars (ENGL 693H and ENGL 694H) if there is space available in Intermediate Fiction (ENGL 206) or Intermediate Poetry (ENGL 207) their first fall semester, and if – on the basis of submitted

work reviewed by a committee – they are chosen for those classes. If not, they would need to complete the minor using the multigenre approach.

*Note: No more than two creative writing courses from other schools may be counted for credit at UNC–Chapel Hill. At least three of the five courses taken for the minor – courses designated ENGL – must be Creative Writing Program courses taken at Carolina.*

## Honors in Creative Writing

To qualify for a degree with honors or highest honors in creative writing, students must maintain a 3.3 grade point average and meet all requirements both to enter and to complete the senior honors seminar (ENGL 693H and ENGL 694H).

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for additional special opportunities.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 441)

### Minors

- Comparative Literature Minor (p. 449)
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- Global Cinema Minor (p. 455)
- Latina/o Studies Minor (p. 456)
- Medicine, Literature, and Culture Minor (p. 458)

### Graduate Programs

- Ph.D. in English and Comparative Literature ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English))
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English))

## Contact Information

### Department of English and Comparative Literature

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### Chair

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### ECL Undergraduate Advisor

Hilary Lithgow  
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### Director of Undergraduate Studies

Martin L. Johnson

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## English Minor

The Department of English and Comparative Literature is a vibrant and diverse department with a global reach. Our course offerings present a diversity of approaches to the study, production, and appreciation of literary and nonliterary texts.


## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The English minor consists of five courses:

Code	Title	Hours
<b>Core Requirements</b>		
ENGL 120	 British Literature, Medieval to 18th Century <sup>H</sup>	3
	One course from Survey II in the core curriculum for the English and Comparative Literature major (see list below)	3
	Three (3) additional ENGL courses, with at least two (2) at or above the 200 level. <sup>1</sup>	9
<b>Total Hours</b>		<b>15</b>



<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Excluding ENGL 100, ENGL 105, ENGL 105I, ENGL 110, and ENGL 191.

English (ENGL) course descriptions (p. 403).

## Survey II Courses

Code	Title	Hours
ENGL 151	Nineteenth-Century American Literature	3
ENGL 152	Twentieth-Century American Literature	3
ENGL 117	 Arguing on the Internet: Rhetoric in the Age of Social Media	3
ENGL 121	 British Literature, 19th and Early 20th Century <sup>H, F</sup>	3
ENGL 122	 Introduction to American Literature <sup>H</sup>	3
ENGL 124	 Contemporary Literature	3
ENGL 129	 Literature and Cultural Diversity <sup>H, F</sup>	3
CMPL 130	 Great Books II <sup>H</sup>	3
CMPL 131	 Great Books II: Savage, Native, Stranger, Other	3
CMPL 132	 Great Books II: Performance and Cultural Identity in the African Diaspora	3

CMPL 133	Great Books II: Imaging the Americas from the Late 18th Century to the Present	3
CMPL 134	 Great Books II: Travel and Identity <sup>H</sup>	3
CMPL 142	 Visual Culture II	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunitiestext>) for special opportunities.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 441)

### Minors

- Comparative Literature Minor (p. 449)
- Composition, Rhetoric, and Digital Literacy Minor (p. 450)
- Creative Writing Minor (p. 451)
- English Minor (p. 454)
- Global Cinema Minor (p. 455)
- Latina/o Studies Minor (p. 456)
- Medicine, Literature, and Culture Minor (p. 458)

### Graduate Programs

- Ph.D. in English and Comparative Literature ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English))
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English))

## Contact Information

### Department of English and Comparative Literature

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Greenlaw Hall, CB# 3520  
(919) 962-5481

### Chair

Marsha Collins

### ECL Undergraduate Advisor

Hilary Lithgow  
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### Director of Undergraduate Studies

Martin L. Johnson  
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## Global Cinema Minor

The global cinema minor is an interdisciplinary minor that enables students to explore the changing global face of cinema in its aesthetic, economic, historical, linguistic, literary, and social contexts. Students select a flexible, rigorous, and exciting course of study focused on the place of film within and across human cultures. The minor aims to provide undergraduates with grounding in the history of cinema's development across the world as well as current trends and developments in global film production. The minor places a particular emphasis on the development of students' critical judgment and written expression. Undergraduate students majoring in any academic unit are eligible.




## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The interdisciplinary minor consists of five courses:






















Code	Title	Hours
<b>Core Requirements</b>		
ARTH 159	 The Film Experience: Introduction to the Visual Study of Film	3
or ENGL 142	 Film Analysis	
CMPL 143	 History of Global Cinema	3
Three electives from at least two different departments, chosen from the list below		9
<b>Total Hours</b>		<b>15</b>

For additional information, contact the director of the global cinema minor.

## Electives

Code	Title	Hours
AAAD 250	 The African American in Motion Pictures: 1900 to the Present	3
AMST 268	American Cinema and American Culture	3
AMST 336	Native Americans in Film	3
AMST 371	 LGBTQ Film and Fiction from 1950 to the Present	3
AMST 483	 Seeing the USA: The Film Director as Public Intellectual	3
ARAB 453	 Film, Nation, and Identity in the Arab World	3
ARTS 106	 Video I	3
ARTS 206	 Video II	3
ARTS 309	 3D Animation	3
ASIA 124	 Iranian Post-1979 Cinema	3

ASIA 231	 Bollywood Cinema	3
ASIA 235	 Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ASIA 435	 The Cinemas of the Middle East and North Africa	3
ASIA/CMPL 255	 The Feast in Film, Fiction, and Philosophy <sup>H</sup>	3
ASIA/CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3
CHIN 244	Introduction to Modern Chinese Culture through Cinema	3
CHIN 464	 The City in Modern Chinese Literature and Film	3
CMPL 144	 Engaging Film and Media	3
CMPL 180	 Race and Ethnicity in Hollywood Productions and Beyond	3
CMPL 212	 The Cinematic City	3
CMPL 227	 Global Authors: The Middle Ages in World Cinema	3
CMPL 240	 Introduction to Film Theory	3
CMPL 254	 Horror and the Global Gothic: Film, Literature, Theory	3
CMPL 255	 The Feast in Film, Fiction, and Philosophy <sup>H</sup>	3
CMPL 262	 Film and Politics	3
CMPL 280	 Film Genres	3
CMPL/GSLL 281	Holocaust Cinema in Eastern Europe	3
CMPL 282	Russian Literature in World Cinema	3
CMPL 375	 New Wave Cinema: Its Sources and Its Legacies	3
CMPL 382	 Film and Nature	3
CMPL 420	 Film, Photography, and the Digital Image	3
CMPL 463	 Cinema and Surrealism	3
CMPL 494	The Essay Film: Adventures in Modern Cinema since 1945	3
COMM 230	Audio/Video/Film Production and Writing	3
COMM/WGST 345	 Gender and Film	3
COMM 412	 Critical Theory	3
COMM 431	 Advanced Audio Production	3
COMM 452	Film Noir	3
COMM 534	 Aesthetic and Technical Considerations in Making Short Videos	3
COMM 546	History of Film I, 1895 to 1945	3
COMM 547	History of Film II, 1945 to Present	3
COMM 550	American Independent Cinema	3
COMM 551	Hitchcock and the Sign	3
COMM 635	 Documentary Production	3
COMM 647	 Advanced Projects in Media Production	3
COMM 653	 Experimental Video	3
COMM 654	 Motion Graphics, Special Effects, and Compositing	3
COMM 681	 Contemporary Film Theory	3

COMM 682	History of the Moving Image: Pasts, Presents, Futures	3
COMM 683	Moving-Image Avant-Gardes and Experimentalism	3
ENGL 143	 Film and Culture	3
ENGL 244	Queer Cinema	3
ENGL 251	Film Performance and Stardom	3
ENGL 255	 Introduction to Media Studies	3
ENGL 323	 American Cinema of the 1970s: New Hollywood and Beyond	3
ENGL 324	 Creating the Video Essay	3
ENGL 380	 Topics In Film History <sup>H</sup>	3
ENGL 381	 Literature and Cinema	3
ENGL 389	 Major Film Directors	3
ENGL 399	 Cinema and the Museum	3
ENGL 410	 Documentary Film <sup>H</sup>	3
ENGL 494	 Research Methods in Film Studies	3
ENGL 680	 Film Theory	3
ENGL 681	 Topics in Contemporary Film and Media <sup>H</sup>	3
FREN 386	French New Wave Cinema	3
FREN 388	History of French Cinema I: 1895-1950	3
FREN 389	History of French Cinema II: 1950 to the Present	3
GERM 265	 Hitler in Hollywood: Cinematic Representations of Nazi Germany	3
GERM 266	Weimar Cinema	3
GERM 267	 Contemporary German and Austrian Cinema	3
GERM/CMPL/ WGST 271	Women in German Cinema	3
GERM 272	 History of German Cinema	3
GERM/PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
GSLI 283	Hungarian Cinema since World War II	3
HIST 302	 Movies Make History: Films as Primary Sources in Europe and America <sup>H</sup>	3
ITAL 333	 Italian Film and Culture	3
ITAL 335	 Themes in Italian Film	3
ITAL 340	 Italian America	3
PORT 388	 Portuguese, Brazilian, and African Identity in Film	3
SPAN 361	 Hispanic Film	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 441)

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### Graduate Programs

- Ph.D. in English and Comparative Literature ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English))
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English))

## Contact Information

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### Director of Undergraduate Studies

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## Latina/o Studies Minor

Latina/o studies is constituted from the transdisciplinary study of Latina/o cultural production and experience in terms of a whole variety of factors. Latinas/os are defined as people of Latin American and Iberian descent living and working or based in the United States, but also moving between the United States and the rest of the Americas. Latina/o studies takes as its primary concern the presence of Latin America, Spain, and the myriad combinations of Hispanic-Native-African-Asian and European non-Hispanic cultures within the borders of the United States. However, Latina/o studies is not confined within those borders to the extent that its subjects of study (and the very creators of the field itself) are in motion and in flux, coming and going, crossing borders and boundaries. In this respect it shares some of the transnational and transcultural scope, momentum, and issues of Latin American studies but with its own foci, its own perspectives. Latina/o studies does not duplicate the work of Latin American studies; it draws on it and complements it.

Latina/o studies encompasses Chicana/o studies, Puerto Rican studies, Cuban American studies, Dominican studies, Central American studies, South American studies, and so forth. It takes into account the cultural production and the socioeconomic and political experiences of a diverse



population located in many parts of the country, not just in the Southwest borderlands.

The main stipulation of the minor is that students must take a combination of courses in the humanities (literatures and cultural production) and the social sciences (communities and cultural space), some of which have been designated as core courses and others as electives. Students who feel they need a basic introduction to Latina/o studies should take ENGL 164 .

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Requirements for the five-course minor in Latina/o studies are as follows:

Code	Title	Hours
<b>Core Requirements</b>		
	One humanities/fine arts course in Latina/o literatures and cultural production (see list below)	3
	One course in social sciences or Latina/o communities and cultural space (see list below)	3
	Three elective courses chosen from the two lists below or from AAAD 260 or DRAM 486.	9
<b>Total Hours</b>		<b>15</b>







## Humanities/Fine Arts Course in Latina/o Literatures and Cultural Production

Code	Title	Hours
AAAD 284	 Contemporary Perspectives on the African Diaspora in the Americas	3
DRAM 288	 Theatre for Social Change	3
DRAM 488	 United States Latino/a Theatre	3
ENGL 164	 Introduction to Latina/o Studies <sup>H</sup>	3
ENGL 265	 Literature and Race, Literature and Ethnicity <sup>H</sup>	3
ENGL 267	 Growing Up Latina/o	3
ENGL 359	Latina Feminisms	3
ENGL 467	 Educating Latinas/os: Preparing SLI Mentors	3
ENGL/WGST 665	 Queer Latina/o Literature, Performance, and Visual Art	3
ENGL/WGST 666	 Queer Latina/o Photography and Literature	3
ENGL/AMST/ CMPL 685	 Literature of the Americas	3
HIST 241	History of Latinos in the United States	3
HIST 237	 Colonial American History to 1763	3
MUSC 147	 Introduction to the Music of the Américas	3

RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
SPAN 389	Outside Cuba: Diasporic Literature and Culture	3
SPAN 398	Undergraduate Seminar in Literature and Culture	3
WGST 211	 Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 233	 Introduction to Latina Literature	3
WGST 465	 Gender, (Im)migration, and Labor in Latina Literature	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Social Sciences or Latina/o Communities and Cultural Space

Code	Title	Hours
AAAD 278	 Black Caribbeans in the United States	3
AAAD 290	Topics in African, African American, and Diaspora Studies	3
AAAD 340	Diaspora Art and Cultural Politics	3
ANTH/FOLK 130	Anthropology of the Caribbean	3
ENGL 467	 Educating Latinas/os: Preparing SLI Mentors	3
GEOG 56	 First-Year Seminar: Local Places in a Globalizing World (first-year students only)	3
GEOG 423	Social Geography	3
GEOG 542	Neighborhoods and Health	3
MEJO 443	Latino Media Studies	3
PLCY 349	Immigration Policy in the 21st Century	3
WGST 211	 Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 233	 Introduction to Latina Literature	3
WGST 465	 Gender, (Im)migration, and Labor in Latina Literature	3

See the program page here (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/#opportunities>) for special opportunities.

## Department Programs

### Majors

- English and Comparative Literature Major, B.A. (p. 441)

### Minors

- Comparative Literature Minor (p. 449)
- Composition, Rhetoric, and Digital Literacy Minor (p. 450)
- Creative Writing Minor (p. 451)
- English Minor (p. 454)
- Global Cinema Minor (p. 455)
- Latina/o Studies Minor (p. 456)
- Medicine, Literature, and Culture Minor (p. 458)

### Graduate Programs

- Ph.D. in English and Comparative Literature ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#PhD_English))
- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English))

## Contact Information

### Department of English and Comparative Literature

Visit Program Website (<http://englishcomplit.unc.edu>)  
Greenlaw Hall, CB# 3520  
(919) 962-5481

### Program Director

María DeGuzmán  
deguzman@email.unc.edu

### Chair

Marsha Collins

### ECL Undergraduate Advisor

Hilary Lithgow  
lithgow@email.unc.edu

### Director of Undergraduate Studies

Martin L. Johnson  
mlj@email.unc.edu

## Medicine, Literature, and Culture Minor


The interdisciplinary honors minor in medicine, literature, and culture was developed in collaboration with Honors Carolina and the Department of Social Medicine in the UNC School of Medicine. It encourages students to explore the cultural and historical dimensions of medical practice by viewing the practice of medicine not simply as an application of chemical and biological analyses of and interventions in the functioning of the human body but also as a cultural practice embedded in changing ideas of disease, health, doctors, patients, medical institutions, and ethics. The minor is available to students accepted into Honors Carolina and to any undergraduate student who has achieved and maintains a grade point average of 3.00 or better.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.










For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Five courses representing at least three different subject codes:		15
ENGL 268H	 Medicine, Literature, and Culture	

Four additional courses in at least two additional subject codes

**Total Hours** 15

Options for additional courses include, but are not limited to, the following courses:

Code	Title	Hours
AAAD 300	 Cultures of Health and Healing in Africa	3
AAAD 387	 HIV/AIDS in Africa and the Diaspora	3
ANTH 147	 Comparative Healing Systems	3
ANTH 270	 Living Medicine	3
ANTH 319	 Global Health	3
ANTH 444	Medicine, Politics, and Justice	3
ANTH 474	The Anthropology of Disability	3
ANTH 272/ ENGL 264	Healing in Ethnography and Literature	3
ANTH/FOLK 470	Medicine and Anthropology	3
ANTH/FOLK 473	Anthropology of the Body and the Subject	3
ANTH 442/ WGST 440	Health and Gender after Socialism	3
ANTH/WGST 443	 Cultures and Politics of Reproduction	3
CMPL 383	Literature and Medicine <sup>H</sup>	3
ENGL 266	 Science and Literature <sup>H</sup>	3
ENGL 269	 Introduction to Disability Studies	3
ENGL 370	 Race, Health, and Narrative <sup>H</sup>	3
ENGL 610	 Practicum in Health Humanities	3
ENGL 611	 Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3
GEOG 222	Health and Medical Geography	3
HIST 329	An Introduction to the History of Medicine <sup>H</sup>	3
HNRS 650	Topics in Medicine and the Humanities	1-6
MEJO 560/ HBEH 660/ HPM 550	Environmental and Science Journalism <sup>H</sup>	3
PLCY 361	Health Policy in the United States	3
PLCY/HPM 565	Global Health Policy	3
PLCY 570/ HPM 571	Health and Human Rights	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3
SOCI 422	 Sociology of Mental Health and Illness	3
SOCI 431	Aging	3
SOCI 469	Health and Society	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Additional courses can be applied to the requirements for this minor with the approval of the advisor for the minor.

At least three courses used to fulfill requirements for the minor must be counted exclusively in the minor and cannot be double-counted with a major or second minor. All courses must be taken for a standard letter

grade, with the exception of one course (three to four credit hours) of By-Examination (BE) credit.

See the program page here (p. 448) for special opportunities.

## Department Programs

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- English and Comparative Literature Major, B.A. (p. 441)

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- M.A. in English (<http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/>) with a Concentration in Literature, Medicine, and Culture ([http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA\\_English](http://catalog.unc.edu/graduate/schools-departments/english-comparative-literature/#MA_English))

## Contact Information

### Department of English and Comparative Literature

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Greenlaw Hall, CB# 3520

(919) 962-5481

### Program Director

Kym Weed-Buzinski

[kweed@email.unc.edu](mailto:kweed@email.unc.edu)

### Chair

Marsha Collins

### ECL Undergraduate Advisor

Hilary Lithgow

[lithgow@email.unc.edu](mailto:lithgow@email.unc.edu)

### Director of Undergraduate Studies

Martin L. Johnson

[mlj@email.unc.edu](mailto:mlj@email.unc.edu)

## Environment, Ecology, and Energy Program

### Introduction

The Environment, Ecology, and Energy Program (E3P) offers diverse and multidisciplinary undergraduate degree programs in environmental science (B.S.) and environmental studies (B.A.). Faculty throughout the University, including the College of Arts and Sciences and the schools of business, government, law, and public health, mentor students through courses, internships, and research opportunities. This unique approach

provides students an opportunity to explore the knowledge base needed to understand the environment and its relationship to society, as well as the applications of that knowledge in areas such as environmental modeling; aquatic systems; environmental behavior and decisions; environmental change and human health; ecology, conservation, and biodiversity; and population and the environment. The degrees combine traditional classroom teaching with extensive use of interdisciplinary, team-based projects, internships, study abroad opportunities, and research.

## Advising

E3P maintains an advising system for students with an environmental interest. Students are encouraged to contact the director of undergraduate studies as early as they wish in their academic plan to discuss options and be assigned to a faculty advisor. Students may use the advising system from the time they enter UNC–Chapel Hill, obtaining advice from specialists in the various environmental fields. This advising system includes opportunities to meet with professionals from government, industry, and consulting to learn about the skills needed to work effectively in those fields if students are interested. In addition we routinely schedule seminars and host visitors who showcase career opportunities by their example in their respective fields.

## Facilities

Program faculty and staff, including the EcoStudio Internship Incubator, occupy offices and laboratories in Venable/Murray Halls (third and fourth floors). Faculty are also located at facilities in Manteo, Morehead City, and Highlands, N.C.

## Graduate School and Career Opportunities

A major in environmental science or studies prepares students for a variety of career options, including marine scientist, ecologist, environmental modeler, environmental policy maker, conservation advocate, land use planner, and environmental educator. Combining either major with other studies at the undergraduate or graduate level can lead to careers as an environmental lawyer, epidemiologist, or environmental geneticist, to cite a few examples.

### Majors

- Environmental Studies Major, B.A. (p. 471)
- Environmental Science Major, B.S. (p. 480)
- Dual Bachelor's-Master's Degree Programs (p. 478)

### Minors

- Environmental Science and Studies Minor (p. 488)
- Food Studies Minor (p. 488)
- Sustainability Studies Minor (p. 490)

### Graduate Programs

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Affiliated Professors

Carol Arnosti (Earth, Marine, and Environmental Sciences), Todd Bendor (City and Regional Planning), Larry Benninger (Earth, Marine, and Environmental Sciences), John Bruno (Biology), Jaye Cable (Earth, Marine, and Environmental Sciences), Jim Costa (Western Carolina University), Barbara Entwisle (Sociology), Pat Gensel (Biology), Donald Hornstein (School of Law), Allen Hurlbert (Biology), Rich Kamens (Environmental Sciences and Engineering), Andrew Keeler (East Carolina University), Joel Kingsolver (Biology), Chip Konrad (Geography), Jonathan Lees (Earth, Marine, and Environmental Sciences), Paul Leslie (Anthropology), Richard Luetlich (Institute for Marine Sciences), Doug MacLean (Philosophy), Christopher Martens (Earth, Marine, and Environmental Sciences), Brent McKee (Earth, Marine, and Environmental Sciences), Timothy McKeown (Political Science), Charles Mitchell (Biology), Laura J. Moore (Earth, Marine, and Environmental Sciences), Tamlin Pavelsky (Earth, Marine, and Environmental Sciences), Rachel Noble (Institute for Marine Sciences), Hans Paerl (Institute for Marine Sciences), David Pfennig (Biology), Karin Pfennig (Biology), Michael Piehler (Institute for Marine Sciences), Jose Rial (Earth, Marine, and Environmental Sciences), Diego Riveros-Iregui (Geography), Al Segars (Kenan–Flagler Business School), Maria Servedio (Biology), Conghe Song (Geography), Jill Stewart (Environmental Sciences and Engineering), Donna Surge (Earth, Marine, and Environmental Sciences), Jason Surratt (Environmental Sciences and Engineering), Andreas Teske (Earth, Marine, and Environmental Sciences), Stephen Walsh (Geography), Jason West (Environmental Sciences and Engineering), Dale Whittington (City and Regional Planning), Andrew Yates (Economics).

## Affiliated Associate Professors

Marc Alperin (Earth, Marine, and Environmental Sciences), Karl Castillo (Earth, Marine, and Environmental Sciences), Xiaodong Chen (Geography), Clark Gray (Geography), Nikhil Kaza (City and Regional Planning), Adrian Marchetti (Earth, Marine, and Environmental Sciences), Sophie McCoy (Biology), Aaron Moody (Geography), Janet Nye (Earth, Marine, and Environmental Sciences), Keith Sockman (Biology), Colin West (Anthropology), Erika Wise (Geography).

## Affiliated Assistant Professors

Miyuki Hino (City and Regional Planning), Angel Hsu (Public Policy), Noah Kittner (Environmental Sciences and Engineering), Caela O'Connell (Anthropology), Antonia Sebastian (Earth, Marine, and Environmental Sciences), Paige Weber (Economics).

## Research Faculty

Richard Andrews (emeritus, Public Policy), Dick Bilsborrow (Biostatistics), Elizabeth Dickinson (Kenan–Flagler Business School), Lindsay Dubbs (Coastal Studies Institute), David McNelis (Institute for the Environment), Robert Peet (emeritus, Biology), Johnny Randall (NC Botanical Gardens), Elizabeth Shay (Appalachian State University), Alan Weakley (NC Botanical Garden), Gary Wein (Highlands Trust), Peter White (emeritus, Biology), Haven Wiley (emeritus, Biology).

## Teaching Professor

Greg Gangi.

## Teaching Associate Professors

Geoffrey Bell, Amy Cooke.


## Teaching Assistant Professors

Lama BouFajreidin, Carol Hee, Léda Gerber Van Doren, James Umbanhowar.

## Lecturer

Brian Naess.

## ENEC–Environment, Ecology, and Energy Undergraduate-level Courses

 **ENEC 51. First-Year Seminar: Balancing the Environment: Science, Human Values, and Policy in North Carolina. 3 Credits.**

This course examines the ways in which scientific information, human values, and the policy process interact to produce environmental change, economic growth, and social justice in North Carolina.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **ENEC 89. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**ENEC 101. Global Environmental Change. 3 Credits.**

Interdisciplinary course exploring the intersection between the natural world and society. Students will learn about how natural systems work, the ecosystem services they provide to societies, how global change has impacted these services on local and global scales, and how science is used to find solutions to these problems and inform environmental policy.

### Rules & Requirements

**Grading Status:** Letter grade.

**ENEC 108. Our Energy and Climate Crises: Challenges and Opportunities. 4 Credits.**

Students quantify global depletion of energy resources and accompanying environmental degradation, hence discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.

### Rules & Requirements

**Making Connections Gen Ed:** PL, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 108.


**ENEC 191. Peoples of Siberia. 3 Credits.**

Comparative study of the cultural and biological diversity of peoples of Siberia from prehistoric through contemporary times. Course topics include the biological diversity, culture, behavior, and history of Siberian populations.

### Rules & Requirements

**Grading Status:** Letter grade.

**Same as:** ANTH 191.


 **ENEC 201. Introduction to Environment and Society. 4 Credits.**  
Human-environment interactions are examined through analytical methods from the social sciences, humanities, and sciences. The focus is on the role of social, political, and economic factors in controlling interactions between society and the environment in historical and cultural contexts. Three lecture hours and one recitation hour a week. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.


 **ENEC 202. Introduction to the Environmental Sciences. 4 Credits.**  
Examines fundamental processes governing the movement and transformation of material and energy in environmental systems. Focuses on the role of these processes in environmental phenomena and how society perturbs these processes. Integrates methods from a range of scientific disciplines. Three lecture hours and three computer laboratory hours a week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI, FC-LAB.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

 **ENEC 203. Introduction to Environmental Science Problem Solving. 3 Credits.**  
A quantitative introduction to selected topics in environmental sciences with an emphasis on developing and solidifying problem-solving skills.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Requisites:** Prerequisite, MATH 231.

**Grading Status:** Letter grade.

**ENEC 204. Environmental Seminar. 1-3 Credits.**  
This course will provide an intellectual focus on the interface between environment and society by examining the relationship among science, policy, and actual management practices on a chosen topic.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 208. New Frontiers: Environment and Society in the United States. 3-4 Credits.**  
By employing a multidisciplinary approach, this class will give students a sense of the role that the environment has played in shaping United States society and the role that our society plays in producing environmental change at the national and global level. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 210. Energy in a Sustainable Environment Seminar. 1 Credits.**  
This seminar series will provide a general introduction to energy sources, resources, technologies, and societal use from a sustainability perspective.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 220. North Carolina Estuaries: Environmental Processes and Problems. 3 Credits.**

Natural processes and human impacts on estuarine systems using the Neuse River estuary as a case study. Course includes one week of intensive field work based at the Institute of Marine Sciences. A student may not receive credit for this course after receiving credit for ENEC 222. Course previously offered as MASC 220.

**Rules & Requirements**

**Making Connections Gen Ed:** PX, EE- Field Work.

**Grading Status:** Letter grade.

**Same as:** EMES 220.

**ENEC 222. Estuarine and Coastal Marine Science. 4 Credits.**

Introduction to the estuarine and coastal environment: geomorphology, physical circulation, nutrient loading, primary and secondary production, carbon and nitrogen cycling, benthic processes, and sedimentation. Consideration given to human impact on coastal systems with emphasis on North Carolina estuaries and sounds. Includes a mandatory weekend field trip and laboratory.

**Rules & Requirements**

**Making Connections Gen Ed:** PL, QI.

**Requisites:** Prerequisites, MATH 231 and either CHEM 101 or PHYS 114.

**Grading Status:** Letter grade.

 **ENEC 237. Food, Environment, and Sustainability. 3 Credits.**

Explores the nexus of agricultural, ecological, and food systems as they dynamically interact. The class examines case studies from North Carolina and other parts of the world. Themes include nutrition, food security, agroecology, and sustainable livelihoods. Students engage in readings, class projects, and hands-on activities in a laboratory setting.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**Same as:** ANTH 237.

 **ENEC 238. Human Ecology of Africa. 3 Credits.**

Course examines human adaptations to environments across Africa. Focuses on livelihood systems such as farming, herding and hunting/gathering.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Grading Status:** Letter grade.

**Same as:** ANTH 238.

**ENEC 241. Energy and Culture Seminar for the Thailand Field Site. 1 Credits.**

This one credit hour course meets the semester before UNC students go to study abroad at the Institute for the Environment Thailand Field Site. The course will prepare students for the research portion of the program. Student should be applying to the field site when taking this course.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 242. Ecology and Culture Seminar for Ecuador Field Site. 1 Credits.**

This one credit hour seminar is only open to students who are planning to participate in the spring research semester in Ecuador. The main purpose of this seminar is to prepare students for this six-month experience in Ecuador by discussing both research methods and Ecuadorian society.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 253. Introduction to Atmospheric Processes. 4 Credits.**

Includes one-hour laboratory. Atmospheric processes including radiation, dynamics, and thermodynamics are emphasized. Circulations across a range of temporal and spatial scales are described. Links between environmental problems and the atmosphere are explored.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 231 and either CHEM 102 or PHYS 114.

**Grading Status:** Letter grade.

**Same as:** GEOG 253.

**ENEC 254. International Environmental Politics. 3 Credits.**

Covers the politics of environmental issues, with a focus on issues that have become internationalized. It focuses on the special problems that arise in creating rules for environmental management and regulation when no single government has authority to enforce those rules.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** POLI 254.

**ENEC 256. Mountain Biodiversity. 4 Credits.**

Introduction to the new field of biodiversity studies, which integrates approaches from systematics, ecology, evolution, and conservation. Taught at off-campus field station.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** BIOL 256.

**ENEC 259. Coral Reef Ecology and Management. 3 Credits.**

The course familiarizes students with the natural history, ecology, and physical and chemical characteristics of the coral reef environment. Policy and management issues are also examined.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**ENEC 263. Environmental Field Studies in Siberia. 4 Credits.**

This course explores the biogeography of Siberia and gives students practical training on how to do field work in field ecology and physical geography.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GEOG 263.

**ENEC 264. Conservation of Biodiversity in Theory and Practice. 3 Credits.**

This course will give students a multidisciplinary introduction to growing field of biodiversity preservation.

**Rules & Requirements**

**Requisites:** Prerequisite, ENEC 201; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** GEOG 264.

**ENEC 266. Contemporary Africa: Issues in Health, Population, and the Environment. 3 Credits.**

A seminar that introduces students to non-Western perspectives and comparative study of ecological, social, and economic factors that influence the welfare of contemporary African communities. Examination of famine, population growth, and health issues within the context of African cultural and social systems.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**ENEC 272. Local Flora. 4 Credits.**

Open to all undergraduates. North Carolina's flora: recognition, identification, classification, evolution, history, economics, plant families, ecology, and conservation. Three lecture and three laboratory hours per week.

**Rules & Requirements**

**Making Connections Gen Ed:** PX.

**Requisites:** Prerequisites, BIOL 101, and 101L or 102L.

**Grading Status:** Letter grade.

**Same as:** BIOL 272.

**ENEC 304. Restoration Ecology. 4 Credits.**

Explores ecological theory and its application to the restoration of terrestrial, aquatic, and marine ecosystems. Requires 30 hours of service to a local restoration project in which students will collect ecological data for a final case study project.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Service Learning, EE- Mentored Research.

**Requisites:** Prerequisite, BIOL 201 or ENEC 202.

**Grading Status:** Letter grade.

**ENEC 305. Data Analysis and Visualization of Social and Environmental Interactions. 4 Credits.**

Principles of spatial and temporal data analysis are applied to issues of the role of society in producing environmental change. Methods include statistical analysis, model development, and computer visualization. Three lecture hours and one laboratory hour a week.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 400, ENEC 201, MATH 231, or STOR 155.

**Grading Status:** Letter grade.

**ENEC 307. Energy and Material Flows in the Environment and Society. 3 Credits.**

Examines regional to global scale flow of materials and energy through materials extractions, processing, manufacturing, product use, recycling, and disposal, including relevance to policy development. Reviews natural cycles, basic physics, and technology of energy production.

**Rules & Requirements**

**Requisites:** Prerequisites, ENEC 201 and MATH 231 or MATH 152; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ENEC 308. Environmental History. 3 Credits.**

Historical development of the system of beliefs, values, institutions, etc, underlying societal response to the environment in different cultures is analyzed. The approach is interdisciplinary, drawing on methods from history, philosophy, psychology, etc. Three lecture hours a week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 309. Environmental Values and Valuation. 3 Credits.**

Introduction to the methods for assigning value to aspects of the environment and to interhuman and human-environment interactions. The approach is interdisciplinary, drawing on methods from philosophy, ecology, psychology, aesthetics, economics, religion, etc. Online course.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**ENEC 310. Coastal Environmental Change. 3 Credits.**

An exploration of the large-scale evolution of coastal environments, including relevance of geologic setting, wave and sediment transport processes, the evolution of beach and barrier island morphology, and issues of coastal environmental management. Course previously offered as GEOL 310/MASC 316.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 101 or EMES 103 or EMES 401; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** EMES 310.

**ENEC 312. Risk-Based International Environmental Decisions. 3 Credits.**

A Web-based course on the methods and roles of risk assessment in the international setting, with a primary focus on United States-European Union applications in environmental policy decisions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 320. The Future of Energy. 3 Credits.**

This course takes a deep dive into the global energy transition, studying the rapidly-evolving renewable energy and energy-efficiency technologies, prices for new energy sources like solar and wind, and competition with fossil and nuclear fuels. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

 **ENEC 324. Water in Our World: Introduction to Hydrologic Science and Environmental Problems. 3 Credits.**

This introductory course will cover two broad themes: the physical processes of the hydrologic cycle and how human use (and abuse) of freshwater resources can lead to major environmental problems. PX credit for ENEC/EMES 324 + 324L. PL credit for ENEC/EMES 324. Course previously offered as GEOL 324.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

**Same as:** EMES 324.

 **ENEC 324L. Water in Our World Laboratory. 1 Credits.**

Students will conduct laboratory and field experiments to reinforce the topics covered in ENEC/GEOL 324. PX credit for ENEC/EMES 324 + 324L. Course previously offered as GEOL 324L.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.

**Requisites:** Pre- or corequisite, ENEC/GEOL 324.

**Grading Status:** Letter grade.

**Same as:** EMES 324L.

 **ENEC 325. Water Resource Management and Human Rights. 3-4 Credits.**

This course explores logistical, political, social, and economic challenges in supplying every human with adequate access to clean water, the most basic human right. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**ENEC 330. Principles of Sustainability. 3 Credits.**

This course introduces students to theories, principles, and measurement of sustainability. It also provides an overview of sustainability in national and international contexts.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PLAN 330.

 **ENEC 350. Environmental Law and Policy. 3 Credits.**

This course gives students an overview of environmental law and some practical experience in environmental policy making.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Grading Status:** Letter grade.

**ENEC 351. Coastal Law and Policy. 3 Credits.**

The utilization of common coastal resources, the management of fisheries, and coastal zone management guide an examination of coastal laws, policies, and regulations at the federal, state, and local levels. Taught at off-campus field station.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 352. Marine Fisheries Ecology. 3 Credits.**

Gives students a foundation in population biology and the ecological processes that influence populations of economically important fish and shellfish. Students will gain practical quantitative skills including statistical analyses, model development, and data visualization. Familiarity with introductory statistics concepts is preferred but not necessary.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 103, 401, or ENEC 202.

**Grading Status:** Letter grade.

**Same as:** EMES 352.

 **ENEC 368. Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics. 3 Credits.**

The meaning of environmental values and their relation to other values; the ethical status of animals, species, wilderness, and ecosystems; the built environment; environmental justice; ecofeminism; obligations to future generations.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**Same as:** PHIL 368.

**ENEC 370. Agriculture and the Environment. 3 Credits.**

Introduction to the ecology of agricultural practices and the impact of food production on the environment. Particular attention will be paid to the constraints on agriculture which must be overcome to feed the planet's growing population. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **ENEC 371. Energy Policy. 3 Credits.**

This course will provide an overview of some of the most challenging energy issues of the 21st century and will cover the tools and perspectives necessary to analyze those problems.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** PLCY 371.

**ENEC 372. Global Environment: Policy Analysis and Solutions. 3 Credits.**

Explores linkages among nations, global environmental institutions, and the environmental problems they cause and seek to rectify. Introduces pressing challenges of the global environment such as China and India's energy and climate policies, the environmental impacts of coal, nuclear energy, shale gas and fracking, and marine pollution. Discusses perspectives of nations, the role of financial markets and NGOs, and the international community involved in crafting policy solutions.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** PLCY 372.

**ENEC 373. Confronting Climate Change in the Anthropocene. 3 Credits.**

Climate change-perhaps the defining issue of the 21st century-is a highly complex problem that requires interdisciplinary collaboration to develop policy responses. This course explores the science of climate change and uses theories from multiple disciplines, including law, political science, economics, and earth and atmospheric sciences, to frame solutions to this global challenge. Students will apply quantitative and qualitative tools to understand causes and impacts of climate change, as well as policy responses.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLCY 373.

**ENEC 375. Environmental Advocacy. 3 Credits.**

Explores rhetorical means of citizen influence of practices affecting our natural and human environment; also, study of communication processes and dilemmas of redress of environmental grievances in communities and workplace.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, CI.

**Grading Status:** Letter grade.

**Same as:** COMM 375.

**ENEC 380. Environmental Economics. 3 Credits.**

This course develops a set of core principles that are essential to understand and evaluate environmental policy and renewable resource use. These principles are primarily economic, but our discussion will also include insights from politics and ethics.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

 **ENEC 393. Internship in Sustainability. 3 Credits.**

Permission of the instructor. This course provides an internship with an organization on sustainability topics and public engagement. Pass/Fail only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

 **ENEC 395. Research in Environmental Sciences and Studies for Undergraduates. 1-3 Credits.**

Permission of the instructor. Research in an area of environmental science or environmental studies.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.



**ENEC 396. Directed Readings. 1-4 Credits.**

Permission of the instructor. A specialized selection of readings from the literature of a particular environmental field supervised by a member of the Carolina Environmental Faculty group. Written reports on the readings or a literature review paper will be required. Cannot be used as a course toward the major.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 8 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ENEC 403. Environmental Chemistry Processes. 3 Credits.**

Required preparation, a background in chemistry and mathematics, including ordinary differential equations. Chemical processes occurring in natural and engineered systems: chemical cycles; transport and transformation processes of chemicals in air, water, and multimedia environments; chemical dynamics; thermodynamics; structure/activity relationships.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENVR 403.

**ENEC 405. Mountain Preservation. 4 Credits.**

Introduces students to approaches used to preserve the natural and cultural heritage of the Southern Appalachians. Taught at off-campus field station.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 406. Atmospheric Processes II. 4 Credits.**

Principles of analysis of the atmosphere are applied to the analysis of environmental phenomena. The link between the atmosphere and other environmental compartments is explored through environmental case studies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GEOG 406.

**ENEC 407. Principles of Energy Conversion. 3 Credits.**

Recommended preparation, ENEC 201, and MATH 152 or 231. This course will get students familiar with the principles governing the conversion of a variety of non-renewable and renewable resources to energy services. Physical, chemical, and biological principles involved in the design and analysis of these systems will be reviewed. The basics of project economics applied to the design of energy conversion systems will also be introduced.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 410. Earth Processes in Environmental Systems. 4 Credits.**

Principles of geological and related Earth systems sciences are applied to analyses of environmental phenomena. The link between the lithosphere and other environmental compartments is explored through case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 102, GEOL 200, and MATH 231; and PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** EMES 410.

**ENEC 411. Oceanic Processes in Environmental Systems. 4 Credits.**

Principles of analysis of the ocean, coast, and estuarine environments and the processes that control these environments are applied to the analysis of environmental phenomena. Case studies of environmental issues. Three lecture hours and one laboratory hour a week.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 101, CHEM 102, ENEC 222, MATH 231, PHYS 115 or PHYS 119; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** EMES 411.

 **ENEC 412. Principles and Methods of Teaching Earth Science. 4 Credits.**

Required preparation, any introductory geology course. This course develops the knowledge and skills teachers need to implement inquiry-based earth science instruction: conceptual knowledge of earth sciences and mastery of inquiry instructional methods. Students study inquiry in cognitive science and learning theory. This course is a requirement for the UNC-BEST program in geological sciences. Course previously offered as GEOL 412.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**Same as:** EMES 412.

**ENEC 415. Environmental Systems Modeling. 3 Credits.**

This course explores principles and strategies for studying environmental phenomena, and presents methods for developing explanatory and predictive models of environmental systems, e.g., predator-prey, estuaries, greenhouse gases, and ecosystem material cycles.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 383; pre- or corequisite, PHYS 115 or 118, and COMP 116.

**Grading Status:** Letter grade.

**Same as:** EMES 415.

**ENEC 416. Environmental Meteorology. 3 Credits.**

This course explores atmospheric processes most important to environmental problems such as the transport and transformation of air pollutants and weather systems involved in intercontinental transport of gases and particles.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 417. Surface Processes and Landscape Evolution. 4 Credits.**

Earth surface processes and landscape evolution. Previously offered as GEOL 417.

**Rules & Requirements**

**Requisites:** Prerequisites, EMES 201 and MATH 231; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** EMES 417.

**ENEC 420. Community Design and Green Architecture. 3 Credits.**

The impact of building on the environment and health will be examined by looking at the major areas of: land use planning, water resource use, energy, materials and indoor environment.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLAN 420.

**ENEC 421. Textiles: Environmental Impacts, Issues, and Innovations. 3 Credits.**

Textiles are pervasive in our lives, from clothing to upholstery, yet have major impacts on our environment and health, from the products' cradle to grave. This course examines the environmental and social costs of producing our clothing, carpet, and other textiles in daily life. We will also consider possible solutions currently offered by industry and entrepreneurs.

**Rules & Requirements**

**Requisites:** Pre- or co-requisite, ENEC 201 or 202; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ENEC 431. Sustainable Cities: Exploring Ways of Making Cities More Sustainable. 3 Credits.**

Recommended preparation, ENEC 330. For the first time in history, a majority of the world's people live in cities with huge implications for sustainability. Students will examine the factors driving the trend toward urbanization worldwide, the challenges posed by this trend, and the efforts by cities to become more sustainable.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 432. Environmental Life Cycle Assessment. 3 Credits.**

Recommended preparation, ENEC 201, and MATH 110 or 130. This class will introduce students to environmental life cycle assessment (LCA). The methodology to calculate the environmental impacts associated with a product, a service, or a system will be reviewed through case studies in the field of energy systems, waste management, and eco-design. Students will also get a chance to learn how to perform a full LCA through a hands-on project using LCA software and databases.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 433. Wetland Hydrology. 3 Credits.**

Study of wetland ecosystems with particular emphasis on hydrological functioning, the transition from terrestrial to aquatic systems, wetlands as filtration systems, and exchange between wetlands and other environments. Course previously offered as MASC 433.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** EMES 433.

**ENEC 435. Principles of Environmental Consulting: Mechanics of Groundwater Flow. 3 Credits.**

Water is an essential resource for all life, and the availability of clean water will become one of the most important socio-political and economic discussions over the coming decades. This course covers fundamentals of groundwater storage, subsurface flow, and contaminant transport, emphasizing the role of groundwater in the hydrologic cycle, the relation of groundwater flow to geologic structure, and the management of contaminated groundwater and drinking water resources. Course previously offered as GEOL 435.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, EMES 324; MATH 232; PHYS 114 or 118; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** EMES 435.

 **ENEC 437. Social Vulnerability to Climate Change. 3 Credits.**

How does climate change affect vulnerable human populations? We will attempt to answer a shared research question on this topic by reading the peer-reviewed literature and by conducting a semester-long data analysis project incorporating social and climate data from around the world. This is a course-based undergraduate research experience (CURE).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL, RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research, GL.

**Grading Status:** Letter grade.

**Same as:** GEOG 437.

**ENEC 441. Marine Physiological Ecology. 3 Credits.**

This course introduces students to the physiological, morphological, and behavioral factors employed by marine organisms to cope with their physical environment. Emphasis will be placed on the response of marine organisms to environmental factors such as seawater temperature, light, water salinity, ocean acidification, etc. Course previously offered as MASC 441.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** EMES 441.

**ENEC 444. Marine Phytoplankton. 3 Credits.**

For junior and senior science majors or graduate students. Biology of marine photosynthetic protists and cyanobacteria. Phytoplankton evolution, biodiversity, structure, function, biogeochemical cycles and genomics. Harmful algal blooms, commercial products, and climate change. Three lecture/practical session hours per week. Course previously offered as MASC 444. Permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** EMES 444, BIOL 456.

**ENEC 448. Coastal and Estuarine Ecology. 4 Credits.**

A field-intensive study of the ecology of marine organisms and their interactions with their environment, including commercially important organisms. Laboratory/recitation/field work is included and contributes two credit hours to the course. Course previously offered as MASC 448.

**Rules & Requirements**

**Requisites:** Prerequisites, CHEM 102 and MATH 231.

**Grading Status:** Letter grade.

**Same as:** EMES 448.

**ENEC 450. Biogeochemical Processes. 4 Credits.**

Principles of chemistry, biology, and geology are applied to analysis of the fate and transport of materials in environmental systems, with an emphasis on those materials that form the most significant cycles. Three lecture hours and one laboratory hour a week.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, MATH 231, and PHYS 114 or 118; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** EMES 450.

 **ENEC 451. Population, Development, and the Environment. 3 Credits.**

Introduction to contemporary and historical changes in human population, international development, and the global environment and how these processes interact, drawing on population geography as an organizing framework. Previously offered as GEOG 450.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** GEOG 451.

**ENEC 459. Ecological Anthropology. 3 Credits.**

Examines how human-environmental adaptations shape the economic, social, and cultural lives of hunter-gatherers, pastoralists and agriculturalists. Approaches include optimal foraging theory, political ecology and subsistence risk.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ANTH 459.

**ENEC 460. Historical Ecology. 3 Credits.**

Historical ecology is a framework for integrating physical, biological, and social science data with insights from the humanities to understand the reciprocal relationship between human activity and the Earth system.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 460.

**ENEC 461. Fundamentals of Ecology. 4 Credits.**

Students will develop a comprehensive understanding of the field of ecology, including modern and emerging trends in ecology. They will develop literacy in the fundamental theories and models that capture ecological processes; emphasis will also be placed on the relevance of ecology and ecological research for human society.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 201; or BIOL 103, BIOL 104, and BIOL 260.

**Grading Status:** Letter grade.

**Same as:** BIOL 461.

**ENEC 462. Ecosystem Management. 3 Credits.**

Explores the ecological concepts underlying ecosystem management (e.g., genetic and species diversity, stability, resilience, landscape ecology, etc.), the tools used in the approach, and case studies of how communities are implementing ecosystem management.

**Rules & Requirements**


**Requisites:** Prerequisite, BIOL 101.

**Grading Status:** Letter grade.

 **ENEC 463. Corporate Environmental Stewardship. 3 Credits.**

This course explores the intersection of business/economic growth and the major sustainability issues affecting the environment and societal well-being and raises questions about business ethics and the moral responsibility of business leaders, consumers, and citizens. Previously offered as ENEC 306.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** PH, CI, GL.

**Requisites:** Prerequisite, ENEC 201.

**Grading Status:** Letter grade.

**Same as:** BUSI 463.

**ENEC 468. Temporal GIS and Space/Time Geostatistics for the Environment and Public Health. 3 Credits.**

Reviews geographical information systems (GIS). Covers geostatistics theory for the interpolation of environmental and health monitoring data across space and time. Uses publicly available water and air quality monitoring data to create maps used for environmental assessment, regulatory compliance analysis, exposure science, and risk analysis.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ENVR 468.

**ENEC 470. Environmental Risk Assessment. 3 Credits.**

Required preparation, one course in probability and statistics. Use of mathematical models and computer simulation tools to estimate the human health impacts of exposure to environmental pollutants. Three lecture hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENVR 470.

**ENEC 471. Human Impacts on Estuarine Ecosystems. 4 Credits.**

A cohesive examination of the human impacts on biological processes in estuarine ecosystems. Laboratory/recitation/field work is included and contributes two credit hours to the course. Taught at off-campus field station.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, CHEM 102 and MATH 231.

**Grading Status:** Letter grade.

**Same as:** EMES 471.

 **ENEC 473. Business and Finance Fundamentals for Change Makers. 3 Credits.**

This course is designed to develop basic finance skills along with familiarity with core business concepts. The goal of the course is to empower non-business majors with the skills and vocabulary required to advance the goals of pro-environment businesses and social entrepreneurs.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**ENEC 474. Sustainable Coastal Management. 3 Credits.**

This course explores the environmental history of the Albemarle estuary and its larger watershed and explores ways in which humans can utilize this region in a more sustainable manner. Taught at off-campus field station.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 475. The Political Economy of Food. 3 Credits.**

This course examines the political and economic dimensions of the food we eat, how it is produced, who eats what, and related social and environmental issues, both domestic and international, affecting the production, pricing, trade, distribution, and consumption of food. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PLCY 475.

**ENEC 479. Landscape Analysis. 3 Credits.**

This course utilizes GIS, GPS, and remote sensing technologies to gather data on geology, watersheds, soils, integrated moisture indices. The class also develops habitat maps and derives species diversity indices. Taught at off-campus field station.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**ENEC 481. Energy Economics. 3 Credits.**

This course develops a core set of principles to understand and evaluate energy markets, policies, and regulations. Topics include oil markets, electric vehicles and CAFÉ standards, pollution permit markets and CO<sub>2</sub> regulations, and electricity markets.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**ENEC 482. Energy and the Environment: A Coastal Perspective. 3 Credits.**

Explores coastal and offshore energy issues, including energy demand, present-day and innovative sources of energy to meet that demand, economics, policy, and environmental and human health outcomes of different energy sources. Summer session only; online and field trip hybrid course, with a mandatory 8-day field site component on the Outer Banks. Housing and field activities arranged by the instructor, which will carry a fee. Taught at off-campus field station.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**ENEC 485. Coastal Resource Economics and Policy. 3-4 Credits.**

This course develops and applies core principles essential to understanding and evaluating coastal environmental policy and renewable resource use. The principles include the economics of pollution, public choice, information and cost-benefit analysis, property rights, incentive-based regulation, and the economics of renewable resources. Includes insights from politics and ethics. Taught at off-campus field station.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**ENEC 489. Ecological Processes in Environmental Systems. 4 Credits.**

Principles of analysis of the structure and function of ecosystems are applied to environmental phenomena. The link between the biosphere and other environmental compartments is explored through case studies of environmental issues. Three lecture hours and one laboratory hour a week. Taught at off-campus field station.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101 or 201, CHEM 102, MATH 231, PHYS 115 or 119; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ENEC 490. Special Topics in Environmental Science and Studies. 1-12 Credits.**

Advanced topics from diverse areas of environmental science and/or environmental studies are explored. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**ENEC 491. Effective Environmental Communication. 3 Credits.**

Combines theory and application to explore effective communication in various environmental contexts and professions. Offers students from diverse disciplines tools to effectively and credibly communicate about environmental topics using a spectrum of strategies, and offers methods for effective thinking, writing, and speaking.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**ENEC 492. Social Science Research Methods. 3 Credits.**

Students learn quantitative, qualitative, and mixed methods research skills and their application to public policies and management of natural resources.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Mentored Research.

**Grading Status:** Letter grade.

 **ENEC 493. Environmental Internship. 1-4 Credits.**

Permission of the instructor. This course provides an internship with an organization related to environmental sciences or studies. Pass/Fail only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Pass/Fail.

**ENEC 510. Policy Analysis of Global Climate Change. 3 Credits.**

Provides a real-world and relevant case study in which to apply material from multiple disciplines including public policy, economics, environmental science, and international studies. Teaches techniques for building policy models not covered elsewhere.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**ENEC 511. Stable Isotopes in the Environment. 3 Credits.**

Introduction to the theory, methods, and applications of stable isotopes to environmental problems. Primary focus will be on the origin, natural abundance, and fractionation of carbon, hydrogen, oxygen, and nitrogen isotopes. Course previously offered as GEOL 511.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 102.

**Grading Status:** Letter grade.

**Same as:** EMES 511.

**ENEC 512. Advanced Coastal Environmental Change. 3 Credits.**

Focuses on biological-physical couplings that shape coastal environments (i.e. coastal 'ecomorphodynamics') and determine how these environments change with climate and land use. Environments include: barrier islands, open ocean coastlines, and tidal wetlands. Grading based on presentations, participation, and a research proposal. Course previously offered as ENEC 710/GEOL 710/MASC 730.

**Rules & Requirements**

**Requisites:** Prerequisite, EMES 310, 417, 502, or 503; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** EMES 512.

**ENEC 514. Flood Hydrology: Models and Data Analysis. 3 Credits.**

River floods are critically important in the global hydrologic cycle. While seasonal floods can be environmentally restorative, they can also have devastating socio-economic and public health consequences. Beginning with the hydrologic cycle, this course will cover concepts related to rainfall runoff and hydrologic response, flood frequency analysis, the mechanics of open channel flow, and overland and channel routing. Students will also gain experience working with real-world data and engineering software. Previously offered as GEOL 514.

**Rules & Requirements**

**Requisites:** Prerequisites, EMES 201, EMES 324, MATH 232, and PHYS 114 or 118; or permission of instructor for students missing prerequisites or graduate students.

**Grading Status:** Letter grade.

**Same as:** EMES 414.

**ENEC 522. Environmental Change and Human Health. 3 Credits.**

The course will provide students with a multidisciplinary perspective of environmental changes to encompass both human health and ecological health.

**Rules & Requirements**

**Requisites:** Prerequisite, ENEC 201 or 202.

**Grading Status:** Letter grade.

**Same as:** ENVR 522.

**ENEC 530. Principles of Climate Modeling. 3 Credits.**

Recommended preparation, MATH 383. Develops explanatory and predictive models of the earth's climate. The level is introductory and the emphasis is on modeling past climate with the hope of understanding its future.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 231, 232, and 233; PHYS 118 and 119.

**Grading Status:** Letter grade.

**ENEC 547. Energy, Transportation, and Land Use. 3 Credits.**

This course explores the reciprocal connections between energy (production/conversion, distribution, and use), land use, environment, and transportation. Evaluation of federal, state, and local policies on energy conservation and alternative energy sources are emphasized. Students gain skills to analyze impacts, interdependencies, and uncertainties of various energy conservation measures and production technologies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLAN 547.

**ENEC 548. Sustainable Energy Systems. 3 Credits.**

This course will provide an introduction to urgent topics related to energy, sustainability, and the environment. The course material will focus on new technologies, policies, and plans in cities and different governing bodies in the energy system with a focus on developing tools to analyze energy for its sustainability, impact on people, the environment, and the economy.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLAN 548, ENVR 548.

**ENEC 562. Statistics for Environmental Scientists. 4 Credits.**

Introduction to the application of quantitative and statistical methods in environmental science, including environmental monitoring, assessment, threshold exceedance, risk assessment, and environmental decision making.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103 and BIOL 104, and either STOR 120 or STOR 155; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** BIOL 562.

**ENEC 563. Statistical Analysis in Ecology and Evolution. 4 Credits.**

Application of modern statistical analysis and data modeling in ecological and evolutionary research. Emphasis is on computer-intensive methods and model-based approaches. Familiarity with standard parametric statistics is assumed.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 103, BIOL 104, MATH 231, and either STOR 120 or STOR 155; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** BIOL 563.

**ENEC 565. Environmental Storytelling. 3 Credits.**

An interdisciplinary course for students interested in environmental issues or journalism to produce stories about environmental issues that matter to North Carolinians. Students learn to identify credible sources, manage substantial amounts of information, and find story focus as they report on technical and often controversial subjects in a variety of media.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** MEJO 565.

**ENEC 567. Ecological Analyses and Application. 3 Credits.**

This course provides an overview of natural and social science approaches to addressing biodiversity conservation and resource management. Concepts and methods from population biology, evolutionary ecology, community ecology, and conservation biology will be complemented with approaches from common property theory, indigenous resource management, and human evolutionary ecology.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 569. Current Issues in Ecology. 3 Credits.**

Required preparation, previous course work in ecology. Permission of the instructor. Topics vary but focus on interdisciplinary problems facing humans and/or the environment. May be repeated for credit.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENEC 580. Environmental Markets: Science and Economics. 3 Credits.**

Examines the interplay of science and economics in the design of environmental markets. The first part introduces the principles of environmental economics. The second part considers several case studies that illustrate the critical role that scientific models of natural systems play in the design of environmental markets.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 581. Water Resource Planning and Policy Analysis. 3 Credits.**

Water resources demand-supply relationships, United States water resource and related water quality policy, legal structure for water allocation, planning, project and program evaluation, and pricing. Strategies for coping with floods, droughts, and climate change will be explored. Extensive use of case studies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 586. Water Quality Policies and Planning. 3 Credits.**

Introduction to the management of water quality at the local and basinwide scales. Topics include theory and management frameworks; state and federal statutes and programs; water contaminants, their fate and transport; alternatives for improving and protecting water quality; and the technologies and management practices of selected basinwide comprehensive strategies.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101 and MATH 231.

**Grading Status:** Letter grade.

 **ENEC 593. Environmental Practicum. 1-3 Credits.**

Permission of the instructor required. Students receive service-learning credit through active participation in a community, campus, or other approved group project.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**ENEC 602. Professional Development Skills for Ecologists and Biologists. 3 Credits.**

The goal of this course is to help students who intend to become professional ecologists or biologists acquire critical skills and strategies needed for achieving their career goals.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** BIOL 602.

**ENEC 608. Continuum Mechanics in the Earth Sciences. 3 Credits.**

Applications of continuum mechanics in the earth sciences, including stress, strain, elasticity, and viscous flow. Numerical solutions to problems in heterogeneous finite strain including finite element analysis. Course previously offered as GEOL 608.

**Rules & Requirements**

**Requisites:** Prerequisites, EMES 302, and PHYS 114 or 118.

**Grading Status:** Letter grade.

**Same as:** EMES 608.

**ENEC 635. Energy Modeling for Environment and Public Health. 3 Credits.**

Recommended preparation, MATH 231. This course will equip students with an overview of contemporary issues in energy modeling and energy systems analysis, with a focus on environmental and public health impacts of energy systems. Students will gain exposure to a variety of research methodologies, analytical tools, and applications of energy modeling applied to environmental and public health related problems such as climate change, air pollution, and water footprints of energy systems.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENVR 635, PLAN 635.

**ENEC 641. Watershed Planning. 3 Credits.**

This course explores the functions of ecosystems, land development activities that impact such functions, and the land use management tools to create strategies for mitigating and restoring environmental damage. Course goals include understanding the ecological context of planning and how ecological principles may inform planning decisions. Prepares planners to engage effectively with biologists, natural resource managers, park managers, and other professionals from the natural sciences.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLAN 641.

**ENEC 669. Seminar in Ecology. 1-3 Credits.**

May be repeated for credit.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOL 201 or BIOL 260; or permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**Same as:** BIOL 669.

**ENEC 675. Environmental Communication and the Public Sphere. 3 Credits.**

Examines communication practices that accompany citizen participation in environmental decisions, including public education campaigns of nonprofit organizations, "risk communication," media representations, and mediation in environmental disputes.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENEC 685. Environmental and Resource Economics. 3 Credits.**

Theory and methods of environmental economics. Topics covered include cost-benefit analysis and environmental policy analysis, economic concept of sustainability, optimal use of natural resources, nonmarket valuation, and economic instruments.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 310.

**Grading Status:** Letter grade.

**ENEC 693H. Honors Research in Environmental Sciences and Studies. 3 Credits.**

Permission of the director of undergraduate studies. First of two course sequence leading to the honors designation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ENEC 694H. Honors Project in Environmental Sciences and Studies. 3 Credits.**

Permission of the director of undergraduate studies. Independent project leading to the honors designation. Includes weekly research seminar.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ENEC 698. Capstone: Analysis and Solution of Environmental Problems. 3 Credits.**

Interdisciplinary, team-based analyses of environmental phenomena are performed and applied to problems of the selection of effective environmental strategies. Students may select from a wide range of examples and venues.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Environment, Ecology, and Energy Program**

Visit Program Website (<https://e3p.unc.edu/>)

3202 Murray Hall, CB# 3275

(919) 962-1270

**Chair**

Drew Coleman

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**Director of Undergraduate Studies**

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**Student Services Manager**

Heratia Brelland

[heratiab@unc.edu](mailto:heratiab@unc.edu)

## Environmental Studies Major, B.A.

This major is designed for students seeking interdisciplinary preparation in the social sciences and humanities needed to understand how society affects the environment, how it organizes itself to respond to environmental problems, and how understanding of the environment is transmitted through culture. The major prepares students for graduate and professional training, especially in environmental policy, journalism, education, and law. There are two tracks available. Students should contact Dr. Amy Cooke ([amycooke@unc.edu](mailto:amycooke@unc.edu)) to discuss the right track for their interests and career goals.

## Student Learning Outcomes

Upon completion of the environmental studies program (B.A.), students should be able to:

- Demonstrate knowledge in the connections in social and/or natural sciences through an understanding of major concepts, theoretical reasoning, and empirical findings in environmental studies
- Demonstrate knowledge of a marketable skill (e.g. GIS, communication, statistics) to enhance their ability to apply concepts from the program in the real world
- Demonstrate mastery of research and problem-solving skills through individual or team-based projects working for a researcher or client in a social or natural science

## Requirements

In addition to the program requirements, students must








- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.






















For more information, please consult the degree requirements section of the catalog (p. 1241).

The environmental studies program provides two options:

- Environmental Studies Major, B.A. (p. 472) (with several concentration areas)
- Environmental Studies Major, B.A.–Sustainability Track (p. 475)

## Environmental Studies Major, B.A.

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 201	 Introduction to Environment and Society <sup>H, F</sup>	4
ENEC 202	 Introduction to the Environmental Sciences	4
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies	
One of the following earth system science courses:		3-4
BIOL 103	 How Cells Function <sup>F</sup>	
or BIOL 104	 Biodiversity	
or BIOL 201	Ecology and Evolution	
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	
ENEC 489	Ecological Processes in Environmental Systems <sup>1</sup>	
ENEC/EMES 448	Coastal and Estuarine Ecology <sup>1</sup>	
ENEC 324 & 324L	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems and  Water in Our World Laboratory <sup>1</sup>	
GEOG 412	Synoptic Meteorology	

Two courses from one of the following skills categories:		6
GIS:		
ANTH 419	Anthropological Application of GIS	
ENEC 479	Landscape Analysis <sup>1</sup>	
GEOG 370	 Introduction to Geographic Information	
GEOG 491	Introduction to GIS	
GEOG 541	GIS in Public Health	
GEOG 591	 Applied Issues in Geographic Information Systems	
GEOG 456	 Geovisualizing Change	
GEOG 592	 Geographic Information Science Programming	
Remote Sensing:		
GEOG 370	 Introduction to Geographic Information	
GEOG 477	 Introduction to Remote Sensing of the Environment	
GEOG 577	 Advanced Remote Sensing	
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems	
Statistics:		
STOR 155	 Introduction to Data Models and Inference <sup>F</sup>	
or BIOS 600	Principles of Statistical Inference	
ECON 400	 Introduction to Data Science and Econometrics <sup>H</sup>	
ENEC 562	Statistics for Environmental Scientists	
PLCY 460	 Quantitative Analysis for Public Policy <sup>H</sup>	
Five courses chosen from one of the concentrations list below		15-20
<b>Additional Requirements</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
ECON 101	 Introduction to Economics <sup>H, F</sup>	4
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
Select one of the following:		4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	
Select one of the following:		4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	
PHYS 115	 General Physics II: For Students of the Life Sciences <sup>F</sup>	
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	
Enough General Education and free electives to accumulate at least 120 credit hours. <sup>2</sup>		
<b>Total Hours</b>		<b>120</b>













<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

<sup>2</sup> Recommended courses are ECON 400 and one of the following PH courses: COMM 375/ENEC 375, ENEC 325, or ENEC 368/PHIL 368.









## Agriculture and Health Concentration




Code	Title	Hours
ANTH 252	 Archaeology of Food	3
ANTH 306	Water and Inequality: Anthropological Perspectives	3
ANTH 319	 Global Health	3
ANTH/ENEC 238	 Human Ecology of Africa	3
ENEC 325	 Water Resource Management and Human Rights <sup>H</sup>	3-4
ENEC 370	Agriculture and the Environment <sup>H</sup>	3
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	3
or ENEC 396	Directed Readings	
ENEC 420	Community Design and Green Architecture	3
ENEC 693H	 Honors Research in Environmental Sciences and Studies <sup>1</sup>	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies	
ENEC/ENVR 522	Environmental Change and Human Health	3
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems <sup>1</sup>	3
ENEC/EMES 324L	 Water in Our World Laboratory	1
GEOG 334	Human Ecology of Health and Disease	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
GEOG 542	Neighborhoods and Health	3
PLAN/ENEC/ENVR 635	Energy Modeling for Environment and Public Health	3
PLCY 475	The Political Economy of Food <sup>H</sup>	3
PLCY 485	Poverty, Health, and Human Development in Low Income Countries	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

## Ecology and Society Concentration







Code	Title	Hours
ANTH 226	The Peoples of Africa	3
ANTH 318	 Human Growth and Development	3
ANTH 320	Anthropology of Development	3
ANTH 439	 Political Ecology	3
ANTH/ENEC 238	 Human Ecology of Africa	3
ANTH/ENEC 460	Historical Ecology	3
BIOL 201	Ecology and Evolution <sup>1, H</sup>	4
or BIOL 260	Introduction to Ecology	
BIOL/ENEC 272	Local Flora	4
BIOL 277	Vertebrate Field Zoology	3
BIOL 402	Infectious Disease in the Developing World	3
BIOL 427	Human Diversity and Population Genetics	3
BIOL 461	Fundamentals of Ecology	4
BIOL 463	Field Ecology	4
BIOL 464	Global Change Ecology	3
BIOL 465	Global Biodiversity and Macroecology	3
BIOL 469	Behavioral Ecology	3
BIOL 561	Ecological Plant Geography	3
BIOL 565	Conservation Biology <sup>H</sup>	3
BIOL 567	Evolutionary Ecology	3
BIOL/ENEC 256	Mountain Biodiversity	4
BIOL/ENEC 461	Fundamentals of Ecology	4
BIOL/ENEC 562	Statistics for Environmental Scientists	4
CHIN 356	 Chinese Environmental Literature	3
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	4
ENEC 304	Restoration Ecology	4
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	3
or ENEC 396	Directed Readings	
ENEC 462	Ecosystem Management	3
ENEC 479	Landscape Analysis <sup>1</sup>	3
ENEC 489	Ecological Processes in Environmental Systems <sup>1</sup>	4
ENEC 491	Effective Environmental Communication	3
ENEC 693H	 Honors Research in Environmental Sciences and Studies <sup>1</sup>	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies	
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	3
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC/EMES 450	Biogeochemical Processes	4
ENEC/EMES 352	Marine Fisheries Ecology	3
ENEC/EMES 441	Marine Physiological Ecology	3







ENEC/EMES 444	Marine Phytoplankton	3
ENEC/EMES 448	Coastal and Estuarine Ecology <sup>1</sup>	4
ENEC/EMES 471	Human Impacts on Estuarine Ecosystems	4
ENEC/PLAN 641	Watershed Planning	3
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3
ENEC/POLI 254	International Environmental Politics	3
GEOG 228	 Urban Geography	3
GEOG 232	 Agriculture, Food, and Society	3
GEOG 261	The South	3
GEOG 334	Human Ecology of Health and Disease	3
GEOG 423	Social Geography	3
GEOG 444	Landscape Biogeography	3
GEOG 470	 Political Ecology: Geographical Perspectives	3
GEOG 597	Ecological Modeling	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> This course appears on a core requirement list as well as a concentration requirement list, but can only be counted toward one of the two.

## Environmental Behavior and Decision Making Concentration









Code	Title	Hours
ANTH 422	Anthropology and Human Rights	3
ANTH 539	 Environmental Justice	3
BIOL/MATH 553	Mathematical and Computational Models in Biology	3
BUSI 507	Sustainable Business and Social Enterprise <sup>H</sup>	3
COMM/ENEC 375	Environmental Advocacy	3
ENEC/POLI 254	International Environmental Politics	3
ENEC 305	Data Analysis and Visualization of Social and Environmental Interactions	4
ENEC 309	Environmental Values and Valuation	3
ENEC 312	Risk-Based International Environmental Decisions	3
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 325	 Water Resource Management and Human Rights <sup>H</sup>	3-4
ENEC 350	 Environmental Law and Policy	3
ENEC 351	Coastal Law and Policy	3
ENEC 380	Environmental Economics	3
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	3
or ENEC 396	Directed Readings	
ENEC 421	Textiles: Environmental Impacts, Issues, and Innovations	3
ENEC 432	Environmental Life Cycle Assessment	3
ENEC 462	Ecosystem Management	3
ENEC/BUSI 463	 Corporate Environmental Stewardship	3

ENEC/ENVR 470	Environmental Risk Assessment	3
ENEC 473	 Business and Finance Fundamentals for Change Makers	3
ENEC 474	Sustainable Coastal Management	3
ENEC 485	Coastal Resource Economics and Policy	3-4
ENEC 491	Effective Environmental Communication	3
ENEC 492	Social Science Research Methods	3
ENEC/MEJO 565	Environmental Storytelling	3
ENEC 580	Environmental Markets: Science and Economics	3
ENEC 581	Water Resource Planning and Policy Analysis	3
ENEC 586	Water Quality Policies and Planning	3
ENEC/PLAN 641	Watershed Planning	3
ENEC 675	Environmental Communication and the Public Sphere	3
ENEC 685	Environmental and Resource Economics	3
ENEC 693H	 Honors Research in Environmental Sciences and Studies <sup>1</sup>	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies	
ENEC/PLAN 547	Energy, Transportation, and Land Use	3
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3
ENEC/PLCY 475	The Political Economy of Food <sup>H</sup>	3
GEOG 237	Natural Resources	3
GEOG 435	 Global Environmental Justice	3
GEOG 470	 Political Ecology: Geographical Perspectives	3
PLCY/ENEC 371	 Energy Policy	3
PLCY/ENEC 372	Global Environment: Policy Analysis and Solutions	3
PLCY/ENEC 373	Confronting Climate Change in the Anthropocene	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Population, Environment, and Development Concentration



Code	Title	Hours
ANTH 318	 Human Growth and Development	3
ANTH 319	 Global Health	3
ANTH 439	 Political Ecology	3
ANTH 459	Ecological Anthropology	3
ANTH 539	 Environmental Justice	3
ANTH/ENEC 238	 Human Ecology of Africa	3
ENEC 266	Contemporary Africa: Issues in Health, Population, and the Environment	3
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 325	 Water Resource Management and Human Rights <sup>H</sup>	3-4
ENEC 350	 Environmental Law and Policy	3
ENEC 351	Coastal Law and Policy	3
ENEC 370	Agriculture and the Environment <sup>H</sup>	3

ENEC 380	Environmental Economics	3
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	3
or ENEC 396	Directed Readings	
ENEC 421	Textiles: Environmental Impacts, Issues, and Innovations	3
ENEC 485	Coastal Resource Economics and Policy	3-4
ENEC 491	Effective Environmental Communication	3
ENEC 492	Social Science Research Methods	3
ENEC 580	Environmental Markets: Science and Economics	3
ENEC 693H	 Honors Research in Environmental Sciences and Studies <sup>1</sup>	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies	
ENVR 600	Environmental Health	3
GEOG 222	Health and Medical Geography	3
GEOG 237	Natural Resources	3
GEOG 269	 Human-Environment Interactions in the Galapagos Islands	3
GEOG/ENEC 437	 Social Vulnerability to Climate Change	3
GEOG/ENEC 451	 Population, Development, and the Environment	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
GEOG 470	 Political Ecology: Geographical Perspectives	3
PLCY/ENEC 372	Global Environment: Policy Analysis and Solutions	3
PLCY 475	The Political Economy of Food <sup>H</sup>	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Environmental Studies Major, B.A. – Sustainability Track

This major is designed for students who wish to pursue business and policy with an interdisciplinary approach to resiliency and sustainability. This track is appropriate for students wishing to pursue graduate or professional studies in business or policy.

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 201	 Introduction to Environment and Society <sup>H, F</sup>	4
ENEC 307	Energy and Material Flows in the Environment and Society	3
ENEC 330	Principles of Sustainability	3
or ENEC 431	Sustainable Cities: Exploring Ways of Making Cities More Sustainable	
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies	

One course from each of the Pillars of Sustainability, plus one additional course at the 300-level or above in any pillar (4 courses total):


### Equity

ANTH 306 Water and Inequality: Anthropological Perspectives

ANTH 439  Political Ecology

ANTH 539  Environmental Justice


ENEC 309 Environmental Values and Valuation

ENEC 325  Water Resource Management and Human Rights<sup>H</sup>


ENEC 350  Environmental Law and Policy

ENEC 351 Coastal Law and Policy

ENEC/GEOG 437  Social Vulnerability to Climate Change

GEOG 470  Political Ecology: Geographical Perspectives

GEOG 480 Liberation Geographies

PHIL/ENEC 368  Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics

PLAN 247  Solving Urban Problems

PLAN 574 Political Economy of Poverty and Inequality

PLAN 637 Public Transportation

PLAN 638 Pedestrian and Bike Transportation


SOCI 274 Social and Economic Justice


### Economics

BUSI 507 Sustainable Business and Social Enterprise<sup>H</sup>

ECON 455 Environmental Economic Theory

ENEC 380 Environmental Economics

ENEC/BUSI 463  Corporate Environmental Stewardship

ENEC 473  Business and Finance Fundamentals for Change Makers


ENEC 481 Energy Economics

ENEC 485 Coastal Resource Economics and Policy

ENEC 580 Environmental Markets: Science and Economics

PUBA 787 Applied Environmental Finance: How to Pay for Environmental Services



### Environment

ENEC 202  Introduction to the Environmental Sciences

ENEC/BIOL 256 Mountain Biodiversity

ENEC/GEOG 264 Conservation of Biodiversity in Theory and Practice

ENEC 304 Restoration Ecology

ENEC 324 & 324L  Water in Our World: Introduction to Hydrologic Science and Environmental Problems and  Water in Our World Laboratory

ENEC 370 Agriculture and the Environment<sup>H</sup>

ENEC 405 Mountain Preservation

ENEC 420 Community Design and Green Architecture

ENEC 431 Sustainable Cities: Exploring Ways of Making Cities More Sustainable

ENEC 462 Ecosystem Management

ENEC 471	Human Impacts on Estuarine Ecosystems
ENEC 482	Energy and the Environment: A Coastal Perspective
ENEC 489	Ecological Processes in Environmental Systems
ENEC/PLAN/ ENVR 548	Sustainable Energy Systems
GEOG 441	Introduction to Watershed Systems
GEOG/ENEC 451	Population, Development, and the Environment
EMES/ENEC 220	North Carolina Estuaries: Environmental Processes and Problems
EMES/ENEC 411	Oceanic Processes in Environmental Systems
EMES/ENEC 433	Wetland Hydrology
EMES 444/ BIOL 456/ ENEC 444	Marine Phytoplankton
EMES/ENEC 448	Coastal and Estuarine Ecology
PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas
PLAN 547	Energy, Transportation, and Land Use
PLAN 548	Sustainable Energy Systems

Two courses from one skill area and one additional course from a second skill (3 courses total): 9-12

#### Basic Science

BIOL 101 & 101L & BIOL 103	Principles of Biology and  Introductory Biology Laboratory and  How Cells Function <sup>H, F</sup>
BIOL 101 & 101L & BIOL 104	Principles of Biology and  Introductory Biology Laboratory and  Biodiversity <sup>H, F</sup>
BIOL 101 & 101L & BIOL 201	Principles of Biology and  Introductory Biology Laboratory and Ecology and Evolution <sup>H, F</sup>
CHEM 101 & 101L & CHEM 102 & CHEM 102L	General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I and  General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>
PHYS 114 & PHYS 115	General Physics I: For Students of the Life Sciences and  General Physics II: For Students of the Life Sciences <sup>F</sup>

#### Communications and Research

COMM/ENEC 375	Environmental Advocacy
ENEC 393	Internship in Sustainability <sup>2</sup>
or ENEC 493	Environmental Internship
or ENEC 593	Environmental Practicum
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates <sup>F</sup>

or ENEC 396 Directed Readings

ENEC 491	Effective Environmental Communication
ENEC 492	Social Science Research Methods
ENEC 693H	Honors Research in Environmental Sciences and Studies <sup>1</sup>
or ENEC 694	Honors Project in Environmental Sciences and Studies
MEJO 560	Environmental and Science Journalism <sup>H</sup>
MEJO 562	Environmental and Science Documentary Television
MEJO/ENEC 565	Environmental Storytelling
PLCY 305	Communicating Under Pressure: Tools for Effective Communication

#### GIS and Remote Sensing

ANTH 419	Anthropological Application of GIS
ENEC 479	Landscape Analysis
ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health
GEOG 370	Introduction to Geographic Information
GEOG 477	Introduction to Remote Sensing of the Environment
GEOG 491	Introduction to GIS
GEOG 456	Geovisualizing Change
GEOG 592	Geographic Information Science Programming
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems

#### Analytics

BUSI 520	Advanced Spreadsheet Modeling for Business
ECON 400	Introduction to Data Science and Econometrics <sup>H</sup>
ENEC 432	Environmental Life Cycle Assessment
ENEC 562	Statistics for Environmental Scientists
PLAN 372	Introduction to Urban Data Analytics
PLCY 460	Quantitative Analysis for Public Policy <sup>H</sup>
STOR 305	Introduction to Decision Analytics
STOR 455	Methods of Data Analysis
STOR 556	Time Series Data Analysis

#### Programming and Informatics

COMP 110	Introduction to Programming and Data Science <sup>H</sup>
or COMP 111	Introduction to Scientific Programming
COMP 211	Systems Fundamentals
INLS 161	Tools for Information Literacy
INLS 201	Foundations of Information Science
INLS 382	Information Systems Analysis and Design

#### Additional Requirements

ECON 101	Introduction to Economics <sup>H, F</sup>	4
MATH 152	Calculus for Business and Social Sciences <sup>F</sup>	3
or MATH 231	Calculus of Functions of One Variable I	

Enough General Education and free electives to accumulate at least 120 credit hours.<sup>1</sup>

**Total Hours** 120

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Recommended courses are ENEC 202, ECON 400 and one of the following courses: ENEC 325, COMM 375/ENEC 375, or PHIL 368/ENEC 368.

<sup>2</sup> Internships should be taken for 3 credit hours or combining two internships to reach 3 credit hours.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Suggested Program of Study for B.A. Major

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
BIOL 101  Principles of Biology & 101L  and  Introductory Biology Laboratory <sup>H, F</sup>	4
ECON 101  Introduction to Economics <sup>H, F</sup>	4
ENEC 201  Introduction to Environment and Society <sup>H, F</sup>	4
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup>	4
<b>Additional Courses</b>	
Lifetime Fitness (p. 1239)	1
Electives or IDEAs in Action Requirements	3
<b>Hours</b>	<b>31</b>
<b>Sophomore Year</b>	
Select one of the following:	4







CHEM 101  General Descriptive Chemistry I & 101L  and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	
PHYS 114  General Physics I: For Students of the Life Sciences <sup>F</sup>	
PHYS 118  Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	
ENEC 202  Introduction to the Environmental Sciences	4
Select one of the following:	4
CHEM 102  General Descriptive Chemistry II & 102L  and  Quantitative Chemistry Laboratory II <sup>H, F</sup>	
PHYS 115  General Physics II: For Students of the Life Sciences <sup>F</sup>	
PHYS 119  Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	
One earth system science core	3-4
Two courses from the concentration core	6
Electives or IDEAs in Action Requirements	7
<b>Hours</b>	<b>28-29</b>
<b>Junior Year</b>	
Two courses from the environmental skills core	6
Two courses from the concentration core	6
ECON 400  Introduction to Data Science and Econometrics <sup>H</sup>	4
Electives or IDEAs in Action Requirements	15
<b>Hours</b>	<b>31</b>
<b>Senior Year</b>	
ENEC 698  Capstone: Analysis and Solution of Environmental Problems	3
Remaining concentration course	3
Electives or IDEAs in Action Requirements as needed to complete curriculum and a minimum of 120 academic hours	24
<b>Hours</b>	<b>30</b>
<b>Total Hours</b>	<b>120-121</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Suggested Program of Study for the Sustainability Track

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3

First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
ENEC 201  Introduction to Environment and Society <sup>H, F</sup>	4
MATH 152  Calculus for Business and Social Sciences <sup>F</sup> or MATH 231  Calculus of Functions of One Variable I	3
ECON 101  Introduction to Economics <sup>H, F</sup>	4
<b>Additional Courses</b>	
Lifetime Fitness (p. 1239)	1
Electives or IDEAs in Action Requirements	7
<b>Hours</b>	<b>30</b>
<b>Sophomore Year</b>	
ENEC 330 Principles of Sustainability or ENEC 431 or Sustainable Cities: Exploring Ways of Making Cities More Sustainable	3
Two environmental skills core courses	6
Two pillars of sustainability core courses	6
Electives or IDEAs in Action Requirements	15
<b>Hours</b>	<b>30</b>
<b>Junior Year</b>	
ENEC 307 Energy and Material Flows in the Environment and Society	3
One environmental skills core course	3
Two pillars of sustainability core courses	6
ECON 400  Introduction to Data Science and Econometrics (recommended) <sup>H</sup>	4
Electives or IDEAs in Action Requirements	14
<b>Hours</b>	<b>30</b>
<b>Senior Year</b>	
ENEC 698 Capstone: Analysis and Solution of Environmental Problems or ENEC 694H  Honors Project in Environmental Sciences and Studies	3
Remaining IDEAs in Action courses and free electives to reach a minimum of 120 credit hours	27
<b>Hours</b>	<b>30</b>
<b>Total Hours</b>	<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Dual Bachelor's–Master's Degree Program

Four dual bachelor's–master's programs are offered:

1. *Environmental and science communication* is a collaboration between the environment, ecology and energy program (E3P) and the School of Journalism and Media;
2. *Environmental informatics* is a collaboration between E3P and the School of Information and Library Science;
3. *Environmental finance and leadership* is a collaboration between E3P and the School of Government;
4. *Environmental geography* is a collaboration between E3P and the Department of Geography.

Each program is designed for students to earn their bachelor's degree and complete a master's degree in a professional school in as few as five years. The dual degree in environmental and science communication is approached through the bachelor of arts degree with a major in environmental studies, and students then complete a master's degree in journalism with a focus on strategic communication. The dual degree in environmental informatics is approached through the bachelor of science degree with a major in environmental science, and students then complete a master's in information sciences (M.S.I.S.). The dual degree in environmental finance and leadership is approached through either the bachelor of science in environmental science or the bachelor of arts in environmental studies, and students then complete a master of public administration (M.P.A.). The dual degree in environmental geography is approached through either the bachelor of science in environmental science or the bachelor of arts in environmental studies, and students then complete a master's in geography.

Students may begin taking courses for the graduate degree while in the undergraduate program. In some programs, up to 12 hours of undergraduate credits can also be counted in the graduate degree. Early advising is essential to success in navigating these dual-degree programs. Advisors are available in both units to help students prepare and select courses appropriately to get the most from their education.

Applying for one of the dual-degree programs is a two-step process. It is highly recommended that interested first- and second-year students speak to an advisor early in their college program. Students must submit a conditional application to most programs no later than their junior year to ensure that they will receive preference in registering for courses. Students must formally apply to the program through The Graduate School in their senior year. The GRE is not required for applications from current UNC–Chapel Hill students for the dual degrees in environmental science and communication, nor for the dual degrees in environmental geography; for other dual degrees students should check with their advisors about GRE requirements. For complete information on the application process and curriculum requirements, please go to the specific website listed above for the dual-degree program of interest.

In addition to the four dual-degree programs specific to collaborations with E3P, there are other dual-degree undergraduate/graduate programs developed by other UNC departments and colleges. Programs of interest include the Department of City and Regional Planning for a master's in city and regional planning (M.C.R.P.) (<https://planning.unc.edu/academics/dual-degree/bachelor/>), the Department of Public Policy for a master's in public policy (M.P.P.) (<https://publicpolicy.unc.edu/mpp-unc/>), and the Gillings School of Global Public Health (<https://sph.unc.edu/envr/bachelors-to-masters-programs/>) for a range of public health-related master's programs.

## Special Opportunities in Environmental Science and Studies

### Honors in Environmental Science or Studies

Students in either the B.S. or B.A. degree program may participate in honors research leading to graduation with honors or highest honors. This distinction is earned by participation in honors research (ENEC 693H) and culminates in ENEC 694H, thesis writing and defense. Students should follow the guidelines established by Honors Carolina and meet with the faculty honors advisor, Dr. Geoff Bell, to ensure that appropriate requirements are fulfilled. (Requirements can be found on the Honors Program website (<http://honorscarolina.unc.edu/current-students/honors-thesis-and-undergraduate-research/honors-thesis/>)). Honors students can use three credit hours of ENEC 693H (research) or ENEC 694H (thesis), but not both courses, to fulfill a concentration requirement.

### Departmental Involvement

The Epsilon Eta Environmental Honors Fraternity is an organization dedicated to excellence in environmental education. Interested students are nominated for membership and membership is not limited to E3P majors. E3P faculty are involved with a number of student organizations and initiatives across campus. See UNC Heel Life (<https://heelife.unc.edu/>) for more environmental clubs at UNC.

### Experiential Education

Possibilities for experiential education include APPLES service-learning courses (ENEC 593), Coral Reef Ecology and Management (ENEC 259), Sierra Nevada Program (ENEC 208), internships (ENEC 393, ENEC 493), research (ENEC 395, ENEC 396, ENEC 698), and honors research (ENEC 693H, ENEC 694H).

Additionally, a series of experiential education field sites is available in North Carolina and around the world where students may take coursework and conduct research for a semester. Fall semester field sites are offered in North Carolina at Highlands Biological Station (mountain/ecology), the Institute for Marine Sciences (marine ecology/geology), and the Coastal Studies Institute/Outer Banks (coastal policy and economics). Spring semester field sites are offered on the UNC campus (sustainability/urban planning) and in Thailand (energy and pollution).

Summer programs are also offered in the Galapagos via UNC's Center for Galapagos Studies. Faculty members often arrange Burch Program summer educational trips to such locations as Australia (conservation, restoration, and natural resource management), Siberia, Russia (ecology and anthropology), the Sierra Nevadas (ecology and physical geography), and northern Europe (energy, sustainability, and communication). Contact our advisors about other opportunities — many other study abroad programs combine well with the E3P program.

### Internships

Students are encouraged to apply for paid or unpaid internships in local, state, national, and international environmental organizations. Internship opportunities can be found through the Ecostudio Internship Incubator website (<https://ecostudio.unc.edu/>). These internships provide valuable practical experience, and some may be conducted for academic credit. Students interested in academic credit should contact the director of undergraduate studies, Dr. Amy Cooke ([amycooke@unc.edu](mailto:amycooke@unc.edu)), or the Ecostudio, to obtain the required application for credit before the term begins. Students may also find their own internship and petition the Ecostudio to gain academic credit.

### Study Abroad

Exchange and other study abroad programs are available through the UNC Study Abroad Office. At some locations students may take courses for UNC credit, such as some field sites listed above. Students may take courses at other universities during study abroad and apply for transfer credit as well. We encourage students to participate in study abroad during their career at Carolina.

### Undergraduate Awards

Undergraduates may be considered for the Watts and Betsy Carr Awards, Mary and Watts Hill Jr. Awards, and Robert Alonzo Winston Scholarships.

### Undergraduate Research

All students are encouraged (but not required) to complete an independent or team research project. Such projects introduce students to the tools needed for graduate study. They also provide an important opportunity for working directly with the world-class environmental faculty members and graduate students at UNC–Chapel Hill, as well as in the many environmental organizations in the Research Triangle. The Triangle area contains one of the largest collections of environmental organizations and expertise in the world, providing unique opportunities for students to conduct research on an immense range of topics from fundamental scientific research to policy applications. Students interested in obtaining course credit for research should speak with either Dr. Geoff Bell (honors advisor) or Dr. Amy Cooke (director of undergraduate studies) to ensure all the requirements and appropriate paperwork has been approved within the first week of classes.

## Department Programs

### Majors

- Environmental Studies Major, B.A. (p. 471)
- Environmental Science Major, B.S. (p. 480)
- Dual Bachelor's-Master's Degree Programs (p. 478)

### Minors

- Environmental Science and Studies Minor (p. 488)
- Food Studies Minor (p. 488)
- Sustainability Studies Minor (p. 490)

### Graduate Programs

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Contact Information

**Environment, Ecology, and Energy Program**  
Visit Program Website (<https://e3p.unc.edu/>)  
3202 Murray Hall, CB# 3275  
(919) 962-1270

### Chair

Drew Coleman  
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### Director of Undergraduate Studies

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#### Student Services Manager

Heratia Brelland  
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## Environmental Science Major, B.S.

This major is designed for students focusing on such topics as how material and energy are moved and transformed in complex environmental systems, the role of society in perturbing those processes, and scientific techniques that might be used to improve environmental quality. The program provides interdisciplinary preparation for graduate or professional training as well as for jobs in government, consulting, and industry. There are two tracks available. Interested students should contact Dr. Amy Cooke (amycooke@unc.edu) to discuss which track best fits their interests and career goals.

## Student Learning Outcomes

Upon completion of the environmental sciences program (B.S.), students should be able to:

- Demonstrate knowledge in the connections in social and/or natural sciences through an understanding of major concepts, theoretical reasoning, and empirical findings in environmental studies
- Demonstrate knowledge of a marketable skill (e.g. GIS, communication, statistics) to enhance their ability to apply concepts from the program in the real world
- Demonstrate mastery of research and problem-solving skills through individual or team-based projects working for a researcher or client in a social or natural science

## Requirements

The environmental science program provides two options:


- Environmental Science, B.S. (p. 480) (with several concentration areas)
- Environmental Science, B.S.–Quantitative Energy Systems Track (p. 482)














## Environmental Science, B.S.

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 201	 Introduction to Environment and Society <sup>H, F</sup>	4

ENEC 203	 Introduction to Environmental Science Problem Solving	3
or ENEC 415	Environmental Systems Modeling	
or MATH 528	Mathematical Methods for the Physical Sciences I	
or MATH 564	Mathematical Modeling in the Life Sciences	
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies	
One of the following earth system science courses:		3-4
BIOL 103	 How Cells Function <sup>1, F</sup>	
or BIOL 104	 Biodiversity	
or BIOL 201	Ecology and Evolution	
ENEC 202	 Introduction to the Environmental Sciences	
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	
ENEC 489	Ecological Processes in Environmental Systems <sup>1</sup>	
ENEC/EMES 448	Coastal and Estuarine Ecology <sup>1</sup>	
ENEC/ENVR 403	Environmental Chemistry Processes <sup>1</sup>	
ENEC 324 & 324L	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems and  Water in Our World Laboratory <sup>1</sup>	
Two courses from one analytical skills option:		6-7
Applied Math:		
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	
MATH 383	First Course in Differential Equations <sup>H</sup>	
GIS and Remote Sensing:		
ANTH 419	Anthropological Application of GIS	
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems <sup>1</sup>	
ENEC 479	Landscape Analysis <sup>1</sup>	
GEOG 370	 Introduction to Geographic Information <sup>1</sup>	
GEOG 456	 Geovisualizing Change	
GEOG 477	 Introduction to Remote Sensing of the Environment	
GEOG 491	Introduction to GIS	
GEOG 577	 Advanced Remote Sensing	
GEOG 591	 Applied Issues in Geographic Information Systems	
Statistics:		
BIOL/ENEC 562	Statistics for Environmental Scientists <sup>1</sup>	
BIOS 511	Introduction to Statistical Computing and Data Management	
BIOS 650	Basic Elements of Probability and Statistical Inference I	
EMES 520	Data Analysis in the Earth Sciences	
EMES 525	Inverse Theory: Advanced Data Analysis and Geophysical Modeling	
STOR 455	Methods of Data Analysis	



STOR 556	Time Series Data Analysis	
Basic Science:		
BIOL 202	Molecular Biology and Genetics <sup>H, F</sup>	
CHEM 261	Introduction to Organic Chemistry I <sup>1, H</sup>	
Informatics		
INLS 161	Tools for Information Literacy	
INLS 201	Foundations of Information Science	
INLS 382	Information Systems Analysis and Design	
INLS 523	Introduction to Database Concepts and Applications	
INLS 541	Information Visualization	
STOR 215	Foundations of Decision Sciences	
STOR 305	Introduction to Decision Analytics	
Five courses chosen from one of the following concentrations		15-20
<b>Additional Requirements</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
COMP 110	Introduction to Programming and Data Science <sup>H</sup>	3
or COMP 116	Introduction to Scientific Programming	
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
STOR 155	Introduction to Data Models and Inference <sup>F</sup>	3
or BIOS 600	Principles of Statistical Inference	
Select one of the following:		8
BIOL 101 & 101L & BIOL 201	Principles of Biology and Introductory Biology Laboratory and Ecology and Evolution <sup>H, H, F</sup>	
PHYS 118 & PHYS 119	Introductory Calculus-based Mechanics and Relativity and Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	
PHYS 114 & PHYS 115	General Physics I: For Students of the Life Sciences and General Physics II: For Students of the Life Sciences <sup>F</sup>	
Students are required to earn a minor in an allied science, such as biology, chemistry, computer science, geography, geographic information sciences, geology, information science, marine science, mathematics, physics, or statistics and analytics.		15
Enough free electives to accumulate minimum of 120 credit hours. <sup>2</sup> varies		
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> These course appear in the major core, concentrations and additional requirements, but can only be counted toward one of the three.

<sup>2</sup> Recommended courses are ECON 101; ENEC 202; one of the following PH courses: COMM 375/ENEC 375, ENEC 325, or ENEC 368/PHIL 368; and one of the following statistics courses: BIOS 511 or ENEC 562 or STOR 455.

## Ecology and Natural Resources Concentration


Code	Title	Hours
BIOL 201	Ecology and Evolution <sup>1, H</sup>	4
BIOL/ENEC 256	Mountain Biodiversity	4
BIOL/ENEC 272	Local Flora	4
BIOL 277 & 277L	Vertebrate Field Zoology and Vertebrate Field Zoology Laboratory	4
BIOL 402	Infectious Disease in the Developing World	3
BIOL/ENEC 461	Fundamentals of Ecology	4
BIOL 462/ MASC 440	Marine Ecology	3
BIOL 463	Field Ecology	4
BIOL 464	Global Change Ecology	3
BIOL 465	Global Biodiversity and Macroecology	3
BIOL 469	Behavioral Ecology	3
BIOL 471 & 471L	Evolutionary Mechanisms and Evolutionary Mechanisms Laboratory	4
BIOL 476 & 476L	Avian Biology and Avian Biology Laboratory	4
BIOL 561	Ecological Plant Geography	3
BIOL/ENEC 562	Statistics for Environmental Scientists <sup>1</sup>	4
BIOL/ENEC 563	Statistical Analysis in Ecology and Evolution	4
BIOL 565	Conservation Biology <sup>H</sup>	3
BIOL 568	Disease Ecology and Evolution	3
BIOL 657/ ENVR 520/ EMES 507	Biological Oceanography	4
EMES 443	Marine Microbiology	3
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	4
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	3
ENEC 304	Restoration Ecology	4
ENEC 324 & 324L	Water in Our World: Introduction to Hydrologic Science and Environmental Problems and Water in Our World Laboratory <sup>1</sup>	4
ENEC/EMES 352	Marine Fisheries Ecology	3
ENEC 370	Agriculture and the Environment <sup>H</sup>	3
ENEC/EMES 433	Wetland Hydrology	3
ENEC/EMES 441	Marine Physiological Ecology	3
ENEC/EMES 444/ BIOL 456	Marine Phytoplankton	3

ENEC/EMES 448	Coastal and Estuarine Ecology <sup>1</sup>	4
ENEC/EMES 450	Biogeochemical Processes	4
ENEC 462	Ecosystem Management	3
ENEC/EMES 471	Human Impacts on Estuarine Ecosystems	4
ENEC 479	Landscape Analysis <sup>1</sup>	3
ENEC 485	Coastal Resource Economics and Policy	3-4
ENEC 489	Ecological Processes in Environmental Systems <sup>1</sup>	4
GEOG 444	Landscape Biogeography	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> These courses appear in the major core, concentrations, and additional requirements, but can only be counted toward one of the three.

## Environment and Health Concentration







Code	Title	Hours
BIOL 402	Infectious Disease in the Developing World	3
BIOL 568	Disease Ecology and Evolution	3
CHEM 261	Introduction to Organic Chemistry I <sup>1, H</sup>	3
EMES 443	Marine Microbiology	3
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	4
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems <sup>1</sup>	3
ENEC/ENVR 403	Environmental Chemistry Processes <sup>1</sup>	3
ENEC/EMES 444/ BIOL 456	Marine Phytoplankton	3
ENEC/ENVR 522	Environmental Change and Human Health	3
ENVR 412	Ecological Microbiology	3
ENVR 413	Limnology	3
ENVR 416	Aerosol Physics and Chemistry	4
ENVR 419	Chemical Equilibria in Natural Waters	3
ENVR 421	Environmental Health Microbiology	3
ENVR 430	Health Effects of Environmental Agents	3
ENVR 431	Techniques in Environmental Health Sciences	2
ENVR 442	Biochemical Toxicology	3
ENVR 451	Introduction to Environmental Modeling	3
ENVR 600	Environmental Health	3
EPID 600	Principles of Epidemiology for Public Health	3
PATH 128	Biology of Human Disease	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> These courses appears in the major core, concentrations, and additional requirements but can only be counted toward one of the three.

## Water and Climate Concentration

Code	Title	Hours
BIOL 350/ ENVR 417/ EMES 401	Oceanography	3

EMES 306	 Earth Systems History	3
EMES 314	 Earth Systems in a Changing World	3
EMES 431	Major World Rivers and Global Change: From Mountains to the Sea	3
EMES 432	Paleoclimatology	3
EMES/ENEC 433	Wetland Hydrology	3
EMES/ENEC 435	Principles of Environmental Consulting: Mechanics of Groundwater Flow	3
EMES 436	Geochemistry of Natural Waters	3
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems	4
EMES 506	Physical Oceanography	4
EMES 508	Global Hydrology	3
ENEC 222	Estuarine and Coastal Marine Science <sup>1</sup>	4
ENEC/GEOG 253	Introduction to Atmospheric Processes	4
ENEC/EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems <sup>1</sup>	3
ENEC/ENVR 403	Environmental Chemistry Processes <sup>1</sup>	3
ENEC/EMES 411	Oceanic Processes in Environmental Systems	4
ENEC/EMES 415	Environmental Systems Modeling	3
ENEC/EMES 417	Surface Processes and Landscape Evolution	4
ENEC/EMES 450	Biogeochemical Processes	4
ENVR 413	Limnology	3
ENVR 416	Aerosol Physics and Chemistry	4
ENVR 419	Chemical Equilibria in Natural Waters	3
ENVR 453	Groundwater Hydrology	3
GEOG 370	 Introduction to Geographic Information <sup>1</sup>	3
GEOG 412	Synoptic Meteorology	3
GEOG 414	 Climate Change	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GEOG 440/ GEOL 502	Earth Surface Processes	3
GEOL/EMES 503	Marine Geology	4

<sup>1</sup> These courses appear in the major core, concentrations, and additional requirements, but can only be counted toward one of the three.









## Environmental Science, B.S.–Quantitative Energy Systems Track
















In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

This major is designed for students with a strong interest in water, energy, and sustainable natural resources, and interdisciplinary approaches to analytics, informatics, or business. The degree provides interdisciplinary preparation for graduate or professional training as well as for jobs in government, consulting, and industry.

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 201	 Introduction to Environment and Society <sup>H, F</sup>	4
ENEC 203	 Introduction to Environmental Science Problem Solving	3
or ENEC 415	Environmental Systems Modeling	
or MATH 528	Mathematical Methods for the Physical Sciences I	
or MATH 564	Mathematical Modeling in the Life Sciences	
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
or ENEC 694H	 Honors Project in Environmental Sciences and Studies	
Two courses each from two of the following quantitative skills (4 courses total)		
<b>Informatics</b>		
INLS 161	Tools for Information Literacy	
INLS 201	 Foundations of Information Science	
INLS 382	Information Systems Analysis and Design	
INLS 523	Introduction to Database Concepts and Applications	
INLS 541	Information Visualization	
STOR 215	 Foundations of Decision Sciences	
STOR 305	 Introduction to Decision Analytics	
<b>Applied Mathematics</b>		
MATH 347	Linear Algebra for Applications	
MATH 381	Discrete Mathematics <sup>H</sup>	
MATH 383	First Course in Differential Equations <sup>H</sup>	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 535	Introduction to Probability	
MATH 564	Mathematical Modeling in the Life Sciences	
PHYS 331	Numerical Techniques for the Sciences I <sup>1</sup>	
<b>Statistics</b>		
BIOS 511	Introduction to Statistical Computing and Data Management	
ENEC 562	Statistics for Environmental Scientists	
ENEC 563	Statistical Analysis in Ecology and Evolution	
EMES 520	Data Analysis in the Earth Sciences	
EMES 525	Inverse Theory: Advanced Data Analysis and Geophysical Modeling	
STOR 455	Methods of Data Analysis	
STOR 435	Introduction to Probability	
STOR 556	Time Series Data Analysis	
<b>Basic Science</b>		
BIOL 103	 How Cells Function <sup>1, F</sup>	
or BIOL 104	 Biodiversity	
or BIOL 201	Ecology and Evolution	

BIOL 271	 Plant Biology	
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>1, F</sup>	
or PHYS 118	 Introductory Calculus-based Mechanics and Relativity	
PHYS 115	 General Physics II: For Students of the Life Sciences <sup>F</sup>	
or PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta	
<b>Modeling</b>		
COMP 211	Systems Fundamentals	
COMP 283	 Discrete Structures <sup>H</sup>	
or MATH 381	Discrete Mathematics	
ENEC 415	Environmental Systems Modeling	
<b>GIS and Remote Sensing</b>		
ANTH 419	Anthropological Application of GIS	
ENEC 479	Landscape Analysis	
GEOG 370	 Introduction to Geographic Information	
GEOG 456	 Geovisualizing Change	
GEOG 477	 Introduction to Remote Sensing of the Environment	
GEOG 491	Introduction to GIS	
GEOG 577	 Advanced Remote Sensing	
GEOG 591	 Applied Issues in Geographic Information Systems	
GEOG 592	 Geographic Information Science Programming	
EMES 483	Geologic and Oceanographic Applications of Geographical Information Systems	
Four courses from one of the following concentrations 12-16		
<b>Energy Management</b>		
ENEC 307	Energy and Material Flows in the Environment and Society	
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates <sup>1</sup>	
or ENEC 396	Directed Readings	
ENEC 407	Principles of Energy Conversion	
ENEC 432	Environmental Life Cycle Assessment	
ENEC 481	Energy Economics	
ENEC 482	Energy and the Environment: A Coastal Perspective	
ENEC 693H	 Honors Research in Environmental Sciences and Studies <sup>1</sup>	
or ENEC 694	 Honors Project in Environmental Sciences and Studies	
ENVR/ENEC 403	Environmental Chemistry Processes <sup>1</sup>	
PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	
PHYS 581	Renewable Electric Power Systems	
PHYS 582	Decarbonizing Fuels	

PLAN/ENEC 547	Energy, Transportation, and Land Use	ENEC 492	Social Science Research Methods
PLAN/ENEC/ENVR 548	Sustainable Energy Systems	ENEC 693H	Honors Research in Environmental Sciences and Studies <sup>1</sup>
PLAN/ENEC/ENVR 635	Energy Modeling for Environment and Public Health		or ENEC 694H  Honors Project in Environmental Sciences and Studies
<b>Environmental Processes</b>		PLAN/ENEC 547	Energy, Transportation, and Land Use
ENEC 202	Introduction to the Environmental Sciences	PLAN 652	Site Planning and Urban Design
ENEC 222	Estuarine and Coastal Marine Science	PLAN 672	Urban Data Analytics
ENEC 256	Mountain Biodiversity	PUBA 787	Applied Environmental Finance: How to Pay for Environmental Services
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates <sup>1</sup>	PLAN/ENEC 641	Watershed Planning
	or ENEC 396 Directed Readings	PLAN 636	Urban Transportation Planning
ENEC 462	Ecosystem Management	PLAN 637	Public Transportation
ENEC 489	Ecological Processes in Environmental Systems	PLAN 638	Pedestrian and Bike Transportation
ENEC 693H	Honors Research in Environmental Sciences and Studies <sup>1</sup>	PLAN 651	Urban Form and the Design of Cities
	or ENEC 694H  Honors Project in Environmental Sciences and Studies	<b>Additional Requirements</b>	
ENVR/ENEC 403	Environmental Chemistry Processes <sup>1</sup>	COMP 110	Introduction to Programming and Data Science <sup>3</sup> 1, H
EMES 431	Major World Rivers and Global Change: From Mountains to the Sea		or COMP 116 Introduction to Scientific Programming or PHYS 331 Numerical Techniques for the Sciences I
EMES/ENEC 433	Wetland Hydrology	CHEM 101 & 101L	General Descriptive Chemistry I <sup>4</sup> and  Quantitative Chemistry Laboratory I (PX) <sup>1</sup> , H, F
EMES/ENEC 450	Biogeochemical Processes		or PHYS 114  General Physics I: For Students of the Life Sciences or PHYS 118  Introductory Calculus-based Mechanics and Relativity
EMES/ENEC 435	Principles of Environmental Consulting: Mechanics of Groundwater Flow		or BIOL 101 & 101L  Principles of Biology and  Introductory Biology Laboratory
EMES 436	Geochemistry of Natural Waters	CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II (PX) <sup>1</sup> , H, F <sup>4</sup>
EMES 508	Global Hydrology		or PHYS 115  General Physics II: For Students of the Life Sciences
EMES 520	Data Analysis in the Earth Sciences		or PHYS 119  Introductory Calculus-based Electromagnetism and Quanta
EMES 525	Inverse Theory: Advanced Data Analysis and Geophysical Modeling		or BIOL 201 Ecology and Evolution
GEOG 410	Modeling of Environmental Systems	MATH 231	Calculus of Functions of One Variable I (QR) <sup>H, F</sup> <sup>4</sup>
GEOG 412	Synoptic Meteorology	MATH 232	Calculus of Functions of One Variable II (QI) <sup>H, F</sup> <sup>4</sup>
GEOG 414	Climate Change	MATH 233	Calculus of Functions of Several Variables (QI) <sup>H, F</sup> <sup>4</sup>
GEOG 416	Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	STOR 155	Introduction to Data Models and Inference <sup>F</sup> <sup>3</sup>
GEOG 441	Introduction to Watershed Systems		or BIOS 600 Principles of Statistical Inference
<b>Smart Cities</b>		Enough General Education courses and free electives to satisfy 12048-59 credit hours. <sup>2</sup>	
ENEC 350	Environmental Law and Policy	<b>Total Hours</b> <b>120</b>	
ENEC 351	Coastal Law and Policy		
ENEC 325	Water Resource Management and Human Rights <sup>H</sup>		
ENEC 380	Environmental Economics		
ENEC 395	Research in Environmental Sciences and Studies for Undergraduates <sup>1</sup>		
	or ENEC 396 Directed Readings		
ENEC/PLAN 420	Community Design and Green Architecture		
ENEC 485	Coastal Resource Economics and Policy		

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Following courses are listed under multiple requirements in the major but can only be used to fulfill one requirement per course: ENEC 395, ENEC 415, ENEC 396, ENEC 693H, ENEC 694H, ENVR 403/ENEC 403, PHYS 114, PHYS 115, PHYS 118, PHYS 119, PHYS 331.

<sup>2</sup> Recommended courses are ENEC 202 (PX), ECON 101 (SS), and one of the following PH courses: ENEC 325, COMM 375/ENEC 375, or PHIL 368/ENEC 368.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Suggested Program of Study for B.S. Major

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180) <sup>1</sup>	3-4
<b>Major Courses</b>	
CHEM 101  General Descriptive Chemistry I & 101L  and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
ENEC 201  Introduction to Environment and Society <sup>H, F</sup>	4
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232  Calculus of Functions of One Variable II <sup>H, F</sup>	4
STOR 155  Introduction to Data Models and Inference <sup>F</sup>	3
<b>Additional Courses</b>	
Lifetime Fitness (p. 1239)	1
<b>Hours</b>	<b>34-35</b>
<b>Sophomore Year</b>	
CHEM 102  General Descriptive Chemistry II & 102L  and  Quantitative Chemistry Laboratory II <sup>H, F</sup>	4

ENEC 203  Introduction to Environmental Science Problem Solving or ENEC 415  or Environmental Systems Modeling or MATH 528  Mathematical Methods for the Physical Sciences I or MATH 564  Mathematical Modeling in the Life Sciences	3
One environmental concentration course	3
One earth system science core	3-4
PHYS 114  General Physics I: For Students of the Life Sciences <sup>F</sup> or PHYS 118  or  Introductory Calculus-based Mechanics and Relativity	4
PHYS 115  General Physics II: For Students of the Life Sciences <sup>F</sup> or PHYS 119  or  Introductory Calculus-based Electromagnetism and Quanta	4
COMP 110  Introduction to Programming and Data Science <sup>H</sup> or COMP 116  or Introduction to Scientific Programming	3
Electives or IDEAs in Action Requirements	6
<b>Hours</b>	<b>30-31</b>
<b>Junior Year</b>	
Two courses from the analytical skills core	6
Three courses from environmental concentration core	9
Two courses from a minor field	6
Electives or IDEAs in Action Requirements	9
<b>Hours</b>	<b>30</b>
<b>Senior Year</b>	
ENEC 698  Capstone: Analysis and Solution of Environmental Problems or ENEC 694H  or  Honors Project in Environmental Sciences and Studies	3
Remaining environmental concentration core	3
Remaining minor field courses	9
Remaining Electives or IDEAs in Action Requirements to meet 120 academic hour minimum	11
<b>Hours</b>	<b>26</b>
<b>Total Hours</b>	<b>120-122</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Students may wish to consider completing their GLOBE-LANG (p. 1180) requirement over the summer, in the second year, or through transfer credit to allow for taking fewer hours per semester in the first year.

## Suggested Program of Study for the Quantitative Energy Systems Track

First Year	Hours
ENEC 201  Introduction to Environment and Society <sup>H, F</sup>	4
STOR 155  Introduction to Data Models and Inference <sup>F</sup>	3
CHEM 101 & 101L  General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102 & 102L  General Descriptive Chemistry II and  Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232  Calculus of Functions of One Variable II <sup>H, F</sup>	4
Language levels 2 and 3	6
Lifetime fitness	1
ENGL 105  English Composition and Rhetoric	3
<b>Hours</b>	<b>33</b>
<b>Sophomore Year</b>	
ENEC 203  Introduction to Environmental Science Problem Solving or ENEC 415 or MATH 528 or MATH 564	3
MATH 233  Calculus of Functions of Several Variables <sup>H, F</sup>	4
COMP 110  Introduction to Programming and Data Science <sup>H</sup> or COMP 116 or PHYS 331	3
Two courses from quantitative skills	6
Approaches and Connections (4 courses)	12
Free elective course	3
<b>Hours</b>	<b>31</b>
<b>Junior Year</b>	
COMP 110  Introduction to Programming and Data Science <sup>H</sup> or COMP 116 or PHYS 331	3
Two courses from environmental concentration courses	6
Two courses from quantitative skills	6
Approaches and Connections (3 courses)	9
Free elective courses	6
<b>Hours</b>	<b>30</b>
<b>Senior Year</b>	
ENEC 698 or ENEC 694H Capstone: Analysis and Solution of Environmental Problems or  Honors Project in Environmental Sciences and Studies	3
Remaining environmental concentration courses	6

Remaining General Education courses and free electives to reach at least 120 academic credit hours	17
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<b>Hours</b>	<b>26</b>
<b>Total Hours</b>	<b>120</b>

**H** Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

**F** FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Dual Bachelor's–Master's Degree Program

Four dual bachelor's–master's programs are offered:

1. *Environmental and science communication* is a collaboration between the environment, ecology and energy program (E3P) and the School of Journalism and Media;
2. *Environmental informatics* is a collaboration between E3P and the School of Information and Library Science;
3. *Environmental finance and leadership* is a collaboration between E3P and the School of Government;
4. *Environmental geography* is a collaboration between E3P and the Department of Geography.

Each program is designed for students to earn their bachelor's degree and complete a master's degree in a professional school in as few as five years. The dual degree in environmental and science communication is approached through the bachelor of arts degree with a major in environmental studies, and students then complete a master's degree in journalism with a focus on strategic communication. The dual degree in environmental informatics is approached through the bachelor of science degree with a major in environmental science, and students then complete a master's in information sciences (M.S.I.S.). The dual degree in environmental finance and leadership is approached through either the bachelor of science in environmental science or the bachelor of arts in environmental studies, and students then complete a master of public administration (M.P.A.). The dual degree in environmental geography is approached through either the bachelor of science in environmental science or the bachelor of arts in environmental studies, and students then complete a master's in geography.

Students may begin taking courses for the graduate degree while in the undergraduate program. In some programs, up to 12 hours of undergraduate credits can also be counted in the graduate degree. Early advising is essential to success in navigating these dual-degree programs. Advisors are available in both units to help students prepare and select courses appropriately to get the most from their education.

Applying for one of the dual-degree programs is a two-step process. It is highly recommended that interested first- and second-year students speak to an advisor early in their college program. Students must submit a conditional application to most programs no later than their junior year to ensure that they will receive preference in registering for courses. Students must formally apply to the program through The Graduate School in their senior year. The GRE is not required for applications from current UNC–Chapel Hill students for the dual degrees in environmental science and communication, nor for the dual degrees in environmental

geography; for other dual degrees students should check with their advisors about GRE requirements. For complete information on the application process and curriculum requirements, please go to the specific website listed above for the dual-degree program of interest.

In addition to the four dual-degree programs specific to collaborations with E3P, there are other dual-degree undergraduate/graduate programs developed by other UNC departments and colleges. Programs of interest include the Department of City and Regional Planning for a master's in city and regional planning (M.C.R.P.) (<https://planning.unc.edu/academics/dual-degree/bachelor/>), the Department of Public Policy for a master's in public policy (M.P.P.) (<https://publicpolicy.unc.edu/mpp-unc/>), and the Gillings School of Global Public Health (<https://sph.unc.edu/envr/bachelors-to-masters-programs/>) for a range of public health-related master's programs.

## Special Opportunities in Environmental Science and Studies

### Honors in Environmental Science or Studies

Students in either the B.S. or B.A. degree program may participate in honors research leading to graduation with honors or highest honors. This distinction is earned by participation in honors research (ENEC 693H) and culminates in ENEC 694H, thesis writing and defense. Students should follow the guidelines established by Honors Carolina and meet with the faculty honors advisor, Dr. Geoff Bell, to ensure that appropriate requirements are fulfilled. (Requirements can be found on the Honors Program website (<http://honorscarolina.unc.edu/current-students/honors-thesis-and-undergraduate-research/honors-thesis/>)). Honors students can use three credit hours of ENEC 693H (research) or ENEC 694H (thesis), but not both courses, to fulfill a concentration requirement.

### Departmental Involvement

The Epsilon Eta Environmental Honors Fraternity is an organization dedicated to excellence in environmental education. Interested students are nominated for membership and membership is not limited to E3P majors. E3P faculty are involved with a number of student organizations and initiatives across campus. See UNC Heel Life (<https://heelife.unc.edu/>) for more environmental clubs at UNC.

### Experiential Education

Possibilities for experiential education include APPLES service-learning courses (ENEC 593), Coral Reef Ecology and Management (ENEC 259), Sierra Nevada Program (ENEC 208), internships (ENEC 393, ENEC 493), research (ENEC 395, ENEC 396, ENEC 698), and honors research (ENEC 693H, ENEC 694H).

Additionally, a series of experiential education field sites is available in North Carolina and around the world where students may take coursework and conduct research for a semester. Fall semester field sites are offered in North Carolina at Highlands Biological Station (mountain/ecology), the Institute for Marine Sciences (marine ecology/geology), and the Coastal Studies Institute/Outer Banks (coastal policy and economics). Spring semester field sites are offered on the UNC campus (sustainability/urban planning) and in Thailand (energy and pollution).

Summer programs are also offered in the Galapagos via UNC's Center for Galapagos Studies. Faculty members often arrange Burch Program summer educational trips to such locations as Australia (conservation, restoration, and natural resource management), Siberia, Russia (ecology and anthropology), the Sierra Nevadas (ecology and physical geography),

and northern Europe (energy, sustainability, and communication). Contact our advisors about other opportunities — many other study abroad programs combine well with the E3P program.

### Internships

Students are encouraged to apply for paid or unpaid internships in local, state, national, and international environmental organizations. Internship opportunities can be found through the Ecostudio Internship Incubator website (<https://ecostudio.unc.edu/>). These internships provide valuable practical experience, and some may be conducted for academic credit. Students interested in academic credit should contact the director of undergraduate studies, Dr. Amy Cooke ([amycooke@unc.edu](mailto:amycooke@unc.edu)), or the Ecostudio, to obtain the required application for credit before the term begins. Students may also find their own internship and petition the Ecostudio to gain academic credit.

### Study Abroad

Exchange and other study abroad programs are available through the UNC Study Abroad Office. At some locations students may take courses for UNC credit, such as some field sites listed above. Students may take courses at other universities during study abroad and apply for transfer credit as well. We encourage students to participate in study abroad during their career at Carolina.

### Undergraduate Awards

Undergraduates may be considered for the Watts and Betsy Carr Awards, Mary and Watts Hill Jr. Awards, and Robert Alonzo Winston Scholarships.

### Undergraduate Research

All students are encouraged (but not required) to complete an independent or team research project. Such projects introduce students to the tools needed for graduate study. They also provide an important opportunity for working directly with the world-class environmental faculty members and graduate students at UNC–Chapel Hill, as well as in the many environmental organizations in the Research Triangle. The Triangle area contains one of the largest collections of environmental organizations and expertise in the world, providing unique opportunities for students to conduct research on an immense range of topics from fundamental scientific research to policy applications. Students interested in obtaining course credit for research should speak with either Dr. Geoff Bell (honors advisor) or Dr. Amy Cooke (director of undergraduate studies) to ensure all the requirements and appropriate paperwork has been approved within the first week of classes.

## Department Programs

### Majors

- Environmental Studies Major, B.A. (p. 471)
- Environmental Science Major, B.S. (p. 480)
- Dual Bachelor's-Master's Degree Programs (p. 478)

### Minors

- Environmental Science and Studies Minor (p. 488)
- Food Studies Minor (p. 488)
- Sustainability Studies Minor (p. 490)

### Graduate Programs

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Contact Information

### Environment, Ecology, and Energy Program

Visit Program Website (<https://e3p.unc.edu/>)  
3202 Murray Hall, CB# 3275  
(919) 962-1270

#### Chair

Drew Coleman  
dcoleman@unc.edu

#### Director of Undergraduate Studies

Amy E. Cooke  
amycooke@unc.edu

#### Student Services Manager

Heratia Brelland  
heratiab@unc.edu

## Environmental Science and Studies Minor

The minor is designed for students wishing to remain in another discipline but having an interest in the environment as an area of application. Students must take two core courses designed as preliminary courses in the scientific and societal dimensions of environmental issues and problems and in the tools for their solution.



Students who major in the B.A. or B.S. environmental degree programs are not allowed to minor in environmental science and studies.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 201	 Introduction to Environment and Society <sup>H, F</sup>	4
ENEC 202	 Introduction to the Environmental Sciences	4
Three additional ENEC courses (at least one at the 400 level or higher)		9-12
<b>Total Hours</b>		<b>17-20</b>

- <sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- <sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Environment, Ecology, and Energy (ENEC) course descriptions (p. 460).

Students must see an ENEC advisor to discuss potential courses. Depending on the courses selected, the minor requires between 17 and 20 credit hours.

See the program page here (p. 479) for special opportunities.

## Department Programs

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## Food Studies Minor

Food studies is an interdisciplinary field that examines the relationship between food and all aspects of the human experience, including culture and biology, individuals and society, global pathways and local contexts. The minor invites the growing number of students interested in food to advance their studies across a broad range of curricula. The program provides a curricular offering and intellectual framework to complement the co-curricular energy around food on campus, increasing the rigor and



discipline with which students use food as a lens for exploration and critical thinking.

The minor is available to students accepted into Honors Carolina and to any undergraduate student who has achieved and maintains a grade point average of 3.00 or better.




## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor requires five (5) courses.

Code	Title	Hours
<b>Core Requirements</b>		
NUTR 175	 Introduction to Food Studies: From Science to Society	3
Select four (4) electives from the following list: <sup>1</sup>		12
AMST 220	 On the Question of the Animal: Contemporary Animal Studies	
AMST 276	Food and American Culture: What We Eat and Who We Are	
AMST/FOLK 375	 Southern Food Studies	
AMST 410	Senior Seminar in Southern Studies	
ANTH 65	 First-Year Seminar: Humans and Animals: Anthropological Perspectives	
ANTH 151	 Anthropological Perspectives on Food and Culture	
ANTH 252	 Archaeology of Food	
ANTH 551	Origins of Agriculture in the Ancient World	
ASIA 52	 First-Year Seminar: Food in Chinese Culture	
BIOL 53	 First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome	
BIOL 221 & 221L	 Seafood Forensics and  Seafood Forensics Laboratory	
ENEC/ANTH 237	 Food, Environment, and Sustainability	
ENEC 370	Agriculture and the Environment <sup>H</sup>	
ENGL 129	 Literature and Cultural Diversity <sup>H, F</sup>	
EXSS 360	Sports Nutrition	
GEOG 232	 Agriculture, Food, and Society	
HIST 325	Food and History	
HNRS 352	Seminar in Social & Behavioral Sciences (Non-History) (Eats 101, section 001)	
ITAL 365	 Italian Food and Culture	

JAPN 411	Food and Culture in Japan
NUTR 240	Introduction to Human Nutrition
NUTR 245	Sustainable Local Food Systems: Intersection of Local Foods and Public Health
NUTR 630	Nutrition Communication and Culture
PLCY 362	 Ethics and Food Policy
PLCY/ENEC 475	The Political Economy of Food <sup>H</sup>
SOCI 430	Sociology of Food and Food Justice
<b>Total Hours</b>	<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Some courses may require a prerequisite(s). See course description for details.

Additional courses can be applied to the requirements with the approval of the program advisor.

## Graduate School and Career Opportunities

The minor in food studies, in combination with a student's major of interest, prepares students for a variety of careers in health and nutrition, arts and culture, media and journalism, health affairs policy and program management, social services, the academy, entrepreneurship and intrapreneurship, environmental work and sustainability, and consulting. The minor may also be of value for those planning postgraduate studies.

## Department Programs

### Majors

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- Food Studies Minor (p. 488)
- Sustainability Studies Minor (p. 490)

### Graduate Programs

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- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Contact Information

Environment, Ecology, and Energy Program

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**Director of Undergraduate Studies**

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amycooke@unc.edu

**Student Services Manager**

Heratia Brelland  
heratiab@unc.edu

## Sustainability Studies Minor

The program provides an understanding of sustainability, a unifying approach to human and environmental problems. Sustainable businesses, communities, and other organizations seek to design systems in ways that optimize material and energy use to decrease environmental and health problems and to bolster economic vitality and social equity. A growing number of scholars are framing problems and solutions in the language of sustainability, which balances growth and development with justice and environmental stewardship in order to meet today's needs without undermining the ability of future generations to do the same.


Students who major in the B.A. or B.S. environmental degree programs are not allowed to minor in sustainability studies.









## Requirements




In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
ENEC 330 or ENEC 431	Principles of Sustainability <sup>1</sup> Sustainable Cities: Exploring Ways of Making Cities More Sustainable	3
Four elective courses chosen from the following options:		12
BUSI 507 or ENEC 375	Sustainable Business and Social Enterprise <sup>H</sup> Environmental Advocacy	
ENEC 201	 Introduction to Environment and Society <sup>H, F</sup>	

ENEC 202	 Introduction to the Environmental Sciences
ENEC/EMES 220	North Carolina Estuaries: Environmental Processes and Problems
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice
ENEC 305	Data Analysis and Visualization of Social and Environmental Interactions
ENEC 307	Energy and Material Flows in the Environment and Society
ENEC/GEOL 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems
ENEC 325	 Water Resource Management and Human Rights <sup>H</sup>
ENEC 350	 Environmental Law and Policy
ENEC 351	Coastal Law and Policy
ENEC 370	Agriculture and the Environment <sup>H</sup>
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions
ENEC/PLCY 373	Confronting Climate Change in the Anthropocene
ENEC 393	 Internship in Sustainability
ENEC 405	Mountain Preservation
ENEC 407	Principles of Energy Conversion
ENEC/PLAN 420	Community Design and Green Architecture
ENEC 421	Textiles: Environmental Impacts, Issues, and Innovations
ENEC 432	Environmental Life Cycle Assessment
ENEC/MASC 448	Coastal and Estuarine Ecology
ENEC 462	Ecosystem Management
ENEC/BUSI 463	 Corporate Environmental Stewardship
ENEC/ENVR 470	Environmental Risk Assessment
ENEC/MASC 471	Human Impacts on Estuarine Ecosystems
ENEC 473	 Business and Finance Fundamentals for Change Makers
ENEC 474	Sustainable Coastal Management
ENEC 479	Landscape Analysis
ENEC 490	Special Topics in Environmental Science and Studies <sup>H</sup>
ENEC 493	 Environmental Internship
ENEC 510	Policy Analysis of Global Climate Change
ENEC/ENVR 522	Environmental Change and Human Health
ENEC 547	Energy, Transportation, and Land Use
ENEC/PLAN/ENVR 548	Sustainable Energy Systems
ENEC/MEJO 565	Environmental Storytelling
ENEC 567	Ecological Analyses and Application

ENEC/PLAN 641	Watershed Planning
ENEC 675	Environmental Communication and the Public Sphere
ENEC 698	Capstone: Analysis and Solution of Environmental Problems
ENVR 600	Environmental Health
GEOG 237	Natural Resources
GEOG 334	Human Ecology of Health and Disease
GEOG 370	 Introduction to Geographic Information
PHYS 131 & 131L	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas and Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas
PLAN 246	 Cities of the Past, Present, and Future: Introduction to Planning
PLAN 247	 Solving Urban Problems
PLAN 636	Urban Transportation Planning

**Total Hours** **15**

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.
- <sup>1</sup> If both ENEC 330 and ENEC 431 are taken, the second course may satisfy the elective requirement.

The minor requires a minimum of 15 credit hours.

See the program page here (p. 479) for special opportunities.

## Department Programs

### Majors

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- Environmental Science Major, B.S. (p. 480)
- Dual Bachelor's-Master's Degree Programs (p. 478)

### Minors

- Environmental Science and Studies Minor (p. 488)
- Food Studies Minor (p. 488)
- Sustainability Studies Minor (p. 490)

### Graduate Programs

- Doctor of Philosophy (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Science (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)
- Master of Arts (<http://catalog.unc.edu/graduate/schools-departments/environment-ecology/#programstext>)

## Contact Information

### Environment, Ecology, and Energy Program

Visit Program Website (<https://e3p.unc.edu/>)  
3202 Murray Hall, CB# 3275  
(919) 962-1270

### Chair

Drew Coleman  
[dcoleman@unc.edu](mailto:dcoleman@unc.edu)

### Director of Undergraduate Studies

Amy E. Cooke  
[amycooke@unc.edu](mailto:amycooke@unc.edu)

### Student Services Manager

Heratia Brelland  
[heratiab@unc.edu](mailto:heratiab@unc.edu)

## Department of Environmental Sciences and Engineering

### Introduction

The Department of Environmental Sciences and Engineering combines the physical sciences, health sciences, engineering, and policy to develop solutions to current and emerging environmental challenges, both globally and locally. This includes climate and environmental change, emerging contaminants, infectious agents and their impacts on health and equity. This multidisciplinary approach provides unique academic and research opportunities for students. Our undergraduate degree focuses on the environmental health sciences, with specific concentrations in environmental chemistry, environmental health biology, and environmental physics and opportunities to take specialized courses or conduct research in areas of particular interest.

### Advising

Students benefit from advising by a professional academic coordinator who works closely with the director for undergraduate studies. Undergraduate students are encouraged to schedule a personal advising session each semester to review their course of study. These professionals will work with current and prospective majors (see contact information above). The academic coordinator verifies that coursework requirements for the concentration have been met. Departmental academic advising is particularly important for those majors who are considering going on to an accelerated bachelor's-to-master's program. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate degrees may be obtained from the department's (<http://sph.unc.edu/envr/environmental-sciences-and-engineering-home/>) website (<https://sph.unc.edu/envr/environmental-sciences-and-engineering-home/>) website (<http://sph.unc.edu/envr/environmental-sciences-and-engineering-home/>).

Each student is also assigned a faculty mentor from the department of Environmental Sciences and Engineering. Faculty mentors collaborate with students to define academic, career and personal goals and assist students in identifying research and internship opportunities.

### Facilities

The Department of Environmental Sciences and Engineering houses research laboratories located in Rosenau Hall, McGavran-Greenberg Hall, and Michael Hooker Research Center. These laboratories are

involved in important research in climate change energy and health, water quality, atmospheric chemistry and air pollution, risk assessment of environmental exposures, effects of environmental chemicals on birth outcome, children's and chronic health, environmental and public health microbiology, and occupational health and safety.

The department also offers facilities for modeling and computational analysis of environmental systems, such as infectious disease transmission, atmospheric circulation and air quality models, ground and surface water flow and transport models, fluid flow and contaminant transport models for indoor air environments, computational toxicology, exposure analysis and health effects, risk assessment, and environmental epidemiology.

More detailed information about the individual laboratories and centers can be found at the department website (<http://www.sph.unc.edu/envr/>).

## Graduate School and Career Opportunities

While undergraduate education prepares students for citizenship in ways that go beyond professional concerns, the program in environmental health sciences also provides skills needed for employment and graduate study. Students ending their studies at the undergraduate level gain skills necessary to work in positions such as risk analysts in consulting firms and regulatory agencies; research assistants in research laboratories; environmental health specialists in local, state, and national environmental and environmental health departments; and scientific advisors to environmental organizations. The degree also prepares students for graduate study in the environmental sciences, environmental health sciences, environmental studies, toxicology, and professional disciplines such as medicine, dentistry, veterinary medicine, environmental law, and public health.

Undergraduate students with appropriate science backgrounds have the opportunity to pursue an accelerated bachelor's-to-master's program. This program allows students to complete a master's degree in the department in an accelerated time frame. With advance planning many students complete the bachelors plus masters within five years or five years and a summer. Interested students should read the program description and requirements (<http://sph.unc.edu/envr/envr-degrees/>) carefully.

Students have opportunities to explore possibilities for employment through the rich network of connections among the department, University, and numerous environmental organizations in the Research Triangle Park area, which is home to the highest concentration of environmental health sciences groups in the nation.

### Major

- Environmental Health Sciences Major, B.S.P.H. (p. 500)

### Minor

- Engineering for Environmental Change, Climate, and Health Minor (p. 505)

*Following the faculty member's name is a section number that students should use when registering for independent studies, reading, research, and thesis and dissertation courses with that particular professor.*

## Professors

**John M. Bane Jr.**, Marine Sciences, Physical Oceanography

**Gregory W. Characklis (98)**, Water Resources Engineering, Economics and Management; Director, Center on Financial Risk in Environmental Systems

**Orlando Coronell (10)**, Physical and Chemical Processes for Water Treatment, Membrane Technology, Granular Sorbents; Associate Chair for Academics

**Rebecca C. Fry (7)**, Toxicogenomics, Genetic Toxicology; Director, Institute for Environmental Health Solutions; Associate Chair for Strategic Initiatives

**Avram Gold (43)**, Environmental Chemistry

**Ilona Jaspers (99)**, Health Effects of Air Pollution in the Lung; Deputy Director, Center for Environmental Medicine, Asthma, and Lung Biology

**Richard M. Kamens**, Atmospheric Gas-Particle Partitioning, Modeling

**Richard A. Luettich Jr. (68)**, Marine Sciences, Coastal Physics, Hurricane Storm Surge Modeling; Director, Institute of Marine Science

**Christopher S. Martens (92)**, Marine Sciences, Biogeochemistry

**Cass T. Miller (59)**, Porous Medium Systems, Environmental Physics, Environmental Modeling

**Glenn Morrison (124)**, Indoor Air, Surface Chemistry, Human Exposure

**Rachel T. Noble (110)**, Marine Microbial Ecology, Water Quality Microbiology, Non-Point Source (e.g., Storm Water), Contamination of Receiving Waters

**Leena A. Nylander-French (95)**, Skin and Inhalation Exposures to Toxicants, Exposure Modeling; Director, Occupational Safety and Health Education and Research Center

**Hans W. Paerl (65)**, Aquatic Microbial Ecology, Marine and Freshwater Nutrient Cycling

**Michael C. Piehler (33)**, Marine Environmental Sciences, Environmental Microbial Ecology

**Aaron Salzberg (133)**, Water Supply Planning and Sanitation; Director, Water Institute

**Mark D. Sobsey**, Environmental Health Microbiology, Virology, Water, Sanitation and Hygiene

**Jill R. Stewart (26)**, Water Quality Microbiology, Ecological Assessment and Prediction

**Jason Surratt (30)**, Atmospheric Chemistry, Secondary Organic Aerosols, Heterogeneous Chemistry, Air Pollution

**Barbara J. Turpin (32)**, Atmospheric Chemistry, Air Pollution and Human Exposure; Department Chair

**William Vizuete (6)**, Atmospheric Modeling, Air Pollution, Environmental Engineering, Atmospheric Chemistry

**Paul B. Watkins**, Director, General Clinical Research Center, UNC Hospitals

**Howard S. Weinberg (96)**, Aquatic Chemistry, Environmental Analytical Chemistry, Drinking Water Treatment, Occurrence, Fate, and Transport of Chemical Pollutants

**J. Jason West (16)**, Air Pollution, Climate Change, Atmospheric Modeling, Global Health, Environmental Policy, Environmental Engineering; Director, Graduate Studies

**Dale Whittington (70)**, Water Resources Economics, International Development

## Associate Professors

**Joe Brown (137)**, Water and Sanitation, Environmental Health Microbiology; Director, Engineering Programs

**Kun Lu (37)**, Microbiome, Exposome, Omics Profiling (Metabolomics, Proteomics, Lipidomics), DNA Adducts, Biomarker Development, Cancer, Chronic Inflammation, Children's Health

**Amanda Northcross (134)**, Exposure Assessment, Air Pollution, Global Health; Director, Undergraduate Studies (B.S.P.H. and Assured Enrollment Programs)

**Marc L. Serre (100)**, Space/Time Statistics, Exposure Assessment, Environmental Modeling, Hydrology, Geostatistics, GIS, Environmental Epidemiology, Risk Assessment, Medical Geography  
**John Staley**, Occupational Health and Safety; NC OSHERC; NIOSH Center for Excellence: the Carolina Center for Healthy Work Design and Worker Well-Beings  
**Courtney Woods (51)**, Health Equity, Systems Modeling, Environmental Epidemiology, Risk Assessment, Global Health; Director, E.H.S. M.P.H. Programs  
**Zhenfa Zhang**, Synthetic Organic Chemistry

## Assistant Professors

**Ryan Cronk**, Global Water, Sanitation and Hygiene (WaSH), Environmental Risk Assessment  
**Michael Fisher (136)**, Global Water, Sanitation and Hygiene (WaSH)  
**Noah Kittner (131)**, Energy Systems Analysis, Sustainability Science, Energy and Environmental Policy, Energy in Underserved Communities  
**Musa Manga (5)**, Environmental Engineering, Water, Sanitation, Water Resource Management  
**Julia Rager (130)**, Environmental Sciences, Exposure Assessment, Genetics, Toxicology  
**Timothy Weigand**, Fluid Dynamics, AI/Machine Learning, Mechanistic Modelling, Computational Science

## Adjunct Professors

**Sarav Arunachalam**, Air Quality Modeling, Analyses, and Health Risk; Environmental Policy  
**Linda S. Birnbaum (86)**, Xenobiotic Metabolism, Biochemical Toxicology  
**Clarissa Brocklehurst**, Water Supply and Sanitation  
**Daniel L. Costa (97)**, Pulmonary Toxicology  
**Pat Curran**, Occupational Safety, Industrial Hygiene  
**Felix Dodds**, Sustainable Development, Finance, Climate, Environmental Security  
**Shabbir H. Gheewala**, Life Cycle Assessment  
**Jackie MacDonald Gibson**, Water Quality, Environmental Justice, Risk Assessment  
**M. Ian Gilmour**, Immunotoxicology  
**David H. Leith (56)**, Air Pollution Control Engineering, Aerosol Technology  
**Michael Madden (101)**, Toxicology  
**Valeria Ochoa**, Biological and Physico-Chemical Wastewater Treatment, Bioremediation, Biotechnology, Sustainability  
**David Peden**, Immunotoxicology, Cardiopulmonary Toxicology, Translational and Clinical Research in Environmental Lung Disease  
**Joseph Pinto (82)**, Atmospheric Modeling  
**Joachim Pleil (106)**, Exposure Assessment  
**Havala Pye**, Air Quality Modeling  
**Ana Rappold**, Environmental Exposure Assessment, Climate Change, Wildfires and Air Quality  
**Eva A. Rehfuess**, Evidence-Based Public Health Methods, Complex Intervention Evaluations, Child Health in Developing Countries  
**James M. Samet (67)**, Mechanistic Toxicology, Cardiopulmonary Toxicology, Ambient Air Pollutants  
**Bill Suk**, Hazardous Substances Remediation, Environmental Toxicology, Children's Environmental Health  
**Miroslav Styblo (79)**, Nutritional Biochemistry and Biochemical Toxicology  
**John Tomaro**, Research Collaborator for the Water Institute

## Adjunct Associate Professors

**Jared Bowden**, Air Quality and Climate Modeling

**Jada Brooks**, Health Equity, Community Engaged Research, Environmental Justice  
**Janice Lee**, Human Health Risk Assessment, Susceptibility, Mode of Action, Systematic Review  
**Roger Sit**, Radiation Physics  
**Thomas B. Starr**, Risk Assessment  
**John Wambaugh**, Computational Toxicology and Exposure

## Adjunct Assistant Professors


**Karsten Baumann**, Aerosol Chemistry  
**Rich Cravener**, Healthy, Safety and Industrial Hygiene; NC OSHERC; NIOSH  
**Radhika Dhingra (132)**, Air Pollution, Epidemiology, Epigenetics, Health Effects  
**Lauren Eaves**, Environmental Exposure, Prenatal Health Effects, and Epigenetics  
**Kim Haley**, Industrial Hygiene  
**Crystal Lee Pow Jackson**, Occupational and Environmental Epidemiology  
**Jordan Kern**, Environmental modeling, Systems Analysis, Financial Risk Management  
**Hannah Liberatore**, Analytical Method Development for Per- and Polyfluoroalkyl Substances (PFAS) Sampling and Combustion Ion Chromatography  
**Liz Naess**, Ambient Air Quality Data Analysis, Science and Policy, Health Equity  
**Jacky Rosati (29)**, Exposure Assessment  
**Antonia Sebastian**, Environmental Hazards, Flood Risk Reduction  
**David Singleton**, Environmental Microbiology  
**Frank J. Stillo III**, Risk Assessment, Risk Communication of Environmental Exposures in Drinking Water  
**James "Ben" Tidwell**, Behavioral Science, Environmental Health in Low- and Middle-Income Countries  
**W. Jon Wallace**, Occupational Safety and Health Education

## Professors Emeriti


**Richard N.L. Andrews**  
**Jamie Bartram**  
**Russell F. Christman**  
**Douglas Crawford-Brown**  
**Francis A. DiGiano**  
**Michael Flynn**  
**Donald L. Fox**  
**Donald E. Francisco**  
**Harvey E. Jeffries**  
**Pete Kolsky**  
**Donald T. Lauria**  
**David H. Moreau**  
**Mark S. Shuman**  
**James Swenberg**  
**Stephen C. Whalen**  
**Donald Willhoit**

## ENVR–Environmental Health Sciences

### Undergraduate-level

 **ENVR 89. First-Year Seminar: Special Topics. 3 Credits.**  
Special topics course. Content will vary each semester.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

 **ENVR 135. Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health. 3 Credits.**

Students join the Environment-ECUIPP Lab to research pressing environmental health issues with local communities. The ECUIPP Lab (Environmentally-Engaged Communities and Undergraduate students Investigating for Public health Protection), organized by the Gillings School of Global Public Health, Department of Environmental Science and Engineering, is a creative learning community of students, faculty members, and practice partners.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT, FC-LAB, RESEARCH.  
**Grading Status:** Letter grade.

**ENVR 190. Selected Topics in Undergraduate Studies. 1-3 Credits.**  
Permission of the instructor. Current topics of interest in environmental science and their application to understanding environmental issues are directed towards undergraduates. Topics and instructors will change. One to three lecture hours per week.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.  
**Grading Status:** Letter grade.

**ENVR 205. Engineering Tools for Environmental Problem Solving. 3 Credits.**

Introduction to mass, energy, and momentum transport applied to environmental problem solving. Students ask and answer policy-oriented questions (define systems, document assumptions, explain the value and limitations of quantitative answers). They will apply these tools to the design of engineered solutions and characterization of natural and perturbed systems.

#### Rules & Requirements

**Making Connections Gen Ed:** PL, CI, QI.  
**Requisites:** Prerequisite, MATH 231.  
**Grading Status:** Letter grade.

**ENVR 230. Environmental Health Issues. 3 Credits.**  
Examines key events that have shaped our understanding of the impacts of environmental agents on human health and uses them to introduce basic concepts in environmental health.

#### Rules & Requirements

**Grading Status:** Letter grade.

**ENVR 240. Undergraduate Research Opportunities Program (UROP) Training. 1 Credits.**

The purpose of this course is to provide structured research training among undergraduate students participating in the Undergraduate Research Opportunities Program (UROP). Formal acceptance into Undergraduate Research Opportunities Program (UROP) required.

#### Rules & Requirements

**Grading Status:** Letter grade.

**ENVR 275. Global Climate Change: Interdisciplinary Perspectives. 1 Credits.**

This class addresses the complexity and importance of global climate change from several disciplines. A top expert from a different discipline will lecture each week, addressing several themes including the science of human influences on climate, impacts and adaptation, global energy technology, communication, and economics and policy. Pass/Fail only. Course previously offered as ENVR 475.

#### Rules & Requirements

**Grading Status:** Pass/Fail.

**ENVR 295. Undergraduate Research. 3 Credits.**

Directed readings or laboratory study. Written reports are required. May be taken more than once for credit. Six to nine hours per week.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.  
**Grading Status:** Letter grade.

**ENVR 296. Readings in Environmental Sciences and Engineering. 1-9 Credits.**


#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.  
**Grading Status:** Letter grade.

 **ENVR 335. Adv Environ-ECUIPP Lab: Connecting with Communities Through Environmental Research for PH Protection. 3 Credits.**

Students join the Environment-ECUIPP Lab to research pressing environmental health issues with local communities. The ECUIPP Lab (Environmentally-Engaged Communities and Undergraduate students Investigating for Public health Protection), organized by the Gillings School of Global Public Health, Department of Environmental Science and Engineering, is a creative learning community of students, faculty members and practice partners. Students in the Advanced ECUIPP lab continue to develop research skills focusing on data analysis, data visualization and risk communication.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-QUANT, FC-LAB, RESEARCH.  
**Requisites:** Prerequisite, ENVR 89 or ENVR 135.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.  
**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level

### ENVR 400. Seminar Series. 0.5-1 Credits.

Presents results of ongoing research projects in the Department of Environmental Sciences and Engineering. Topics and presenters are selected from among departmental graduate students and faculty. Student presenters learn how to present their research to a lay audience while students taking the class for credit learn how to critique a presentation as well as forge professional collaborations across disciplines. Undergraduates may not enroll without first discussing their participation, and obtaining approval from the instructor.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 2 total credits. 4 total completions.

**Grading Status:** Letter grade.

### ENVR 403. Environmental Chemistry Processes. 3 Credits.

Required preparation, a background in chemistry and mathematics, including ordinary differential equations. Chemical processes occurring in natural and engineered systems: chemical cycles; transport and transformation processes of chemicals in air, water, and multimedia environments; chemical dynamics; thermodynamics; structure/activity relationships.

#### Rules & Requirements

**Grading Status:** Letter grade.

**Same as:** ENEC 403.

### ENVR 404. Life Cycle Assessment: Energy and the Environment. 3 Credits.

A systems approach to dealing with environmental pollution problems is highlighted and Life Cycle Assessment (LCA) is introduced as an assessment tool. Topics include basic environmental interactions; biogeochemical cycles and environmental impacts (global, regional, and local); and application of LCA to waste management and energy conversion systems; are addressed.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ENVR 411. Laboratory Techniques and Field Measurements. 3 Credits.

Students learn laboratory, field, and analytical skills. Provides a solid introduction to experimental research in environmental sciences and engineering. Students are provided with applications in limnology, aquatic chemistry, and industrial hygiene.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ENVR 412. Ecological Microbiology. 3 Credits.

Required preparation, one course in general microbiology. A description of microbial populations and communities, the environmental processes they influence, and how they can be controlled to the benefit of humankind.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ENVR 413. Limnology. 3 Credits.

Required preparation, introductory biology, chemistry, and physics. Basic aspects of freshwater ecosystem function. Emphasis on trophic-level interactions and integration of physical, chemical, and biological principles for a holistic view of lake ecosystem dynamics.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ENVR 416. Aerosol Physics and Chemistry. 4 Credits.

Permission of the instructor for nonmajors. Physical and chemical principles underlying behavior of particles suspended in air. Topics include rectilinear and curvilinear motion of the particles in a force field, diffusion, evaporation, and condensation, electrical and optical properties, and particle coagulation. Three lecture hours a week and two laboratory sessions.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ENVR 417. Oceanography. 3 Credits.

Required preparation, major in a natural science or two courses in natural sciences. Studies origin of ocean basins, seawater chemistry and dynamics, biological communities, sedimentary record, and oceanographic history. Term paper. Students lacking science background should see EMES 103. Students may not receive credit for both EMES 103 and EMES 401. Course previously offered as GEOL 403/MASC 401.

#### Rules & Requirements

**Grading Status:** Letter grade.

**Same as:** EMES 401, BIOL 350.

### ENVR 419. Chemical Equilibria in Natural Waters. 3 Credits.

Principles and applications of chemical equilibria to natural waters. Acid-base, solubility, complex formation, and redox reactions are discussed. This course uses a problem-solving approach to illustrate chemical speciation and environmental implications. Three lecture hours per week.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ENVR 421. Environmental Health Microbiology. 3 Credits.

Required preparation: introductory course in microbiology or permission of the instructor. This course covers microbes of public health importance in water, wastewater, and other environmental matrices, including detection, quantification, transport, and survival in environmental media; control measures to reduce exposures; quantitative microbial risk assessment; and the epidemiology of infectious diseases transmitted via the environment.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ENVR 423. Industrial Toxicology. 3 Credits.

Toxicological assessment of and a case presentation of related exposure is given. A conceptual approach is utilized to design appropriate programs to prevent worker ill health due to toxicant exposure.

#### Rules & Requirements

**Requisites:** Prerequisite, ENVR 430, or permission of the instructor.

**Grading Status:** Letter grade.

### ENVR 425. Introduction to Health Physics: Radiation and Radiation Protection. 3 Credits.

This course concentrates on fundamentals of radiation and protection, including types of radiation, radioactive decay, interaction with matter, biological effects, detection and measurement, protection methods/techniques, external and internal dose, etc. Lectures include hazards in categories of environmental radiation, nuclear energy, medical applications, industrial uses, etc.

#### Rules & Requirements

**Grading Status:** Letter grade.

**ENVR 430. Health Effects of Environmental Agents. 3 Credits.**

Required preparation, basic biology, chemistry through organic, calculus. Permission of the instructor for students lacking this preparation. Interactions of environmental agents (chemicals, infectious organisms, radiation) with biological systems including humans, with attention to routes of entry, distribution, metabolism, elimination, and mechanisms of adverse effects. Three lecture hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 431. Techniques in Environmental Health Sciences. 2 Credits.**

Required preparation, basic biology, chemistry through organic, math through calculus; permission of the instructor for students lacking this preparation. A practical introduction to the measurement of biological end-points, emphasizing adverse effects of environmental agents, using laboratory and field techniques. Two laboratory hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 432. Occupational Safety and Ergonomics. 3 Credits.**

Fundamentals of occupational safety and ergonomics with emphasis on legislation and organization of industrial safety and ergonomic programs, including hazard recognition, analysis, control, and motivational factors pertaining to industrial accident and cumulative trauma disorder prevention.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 433. Health Hazards of Industrial Operation. 3 Credits.**

An introduction to occupational hygiene and the health hazards associated with industrial operations. Fundamental scientific principles are used to provide the foundation for assessing and controlling the exposures found in the work environment. Topics with broad application include: noise, heat stress, and ventilation. Specific industrial operations examined include: welding, electroplating, and spray painting, among others. The concept of Total Worker Health is explored with a focus on the role of labor unions. No prerequisites.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 442. Biochemical Toxicology. 3 Credits.**

Required preparation, one course in biochemistry. Biochemical actions of toxicants and assessment of cellular damage by biochemical measurements. Three lecture hours per week.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 430; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** BIOC 442, TOXC 442.

**ENVR 451. Introduction to Environmental Modeling. 3 Credits.**

Focuses on how to model environmental transport and chemistry of pollutants. Covers mole balances, rate laws, chemical kinetics, and reactor design. Principles are applied to any environmental system where chemical transformations must be described. Three lecture hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 452. Fluid Dynamics. 3 Credits.**

The physical properties of fluids, kinematics, governing equations, viscous incompressible flow, vorticity dynamics, boundary layers, irrotational incompressible flow. Course previously offered as GEOL 560/MASC 560.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 401; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** EMES 560, PHYS 660.

**ENVR 453. Groundwater Hydrology. 3 Credits.**

Required preparation, math through differential equations and some familiarity with fluid mechanics. Conservation principles for mass, momentum, and energy developed and applied to groundwater systems. Scope includes the movement of water, gas, and organic liquid phases, the transport and reaction of contaminants. Three lecture hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 468. Temporal GIS and Space/Time Geostatistics for the Environment and Public Health. 3 Credits.**

Reviews geographical information systems (GIS). Covers geostatistics theory for the interpolation of environmental and health monitoring data across space and time. Uses publicly available water and air quality monitoring data to create maps used for environmental assessment, regulatory compliance analysis, exposure science, and risk analysis.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 232; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ENEC 468.

**ENVR 470. Environmental Risk Assessment. 3 Credits.**

Required preparation, one course in probability and statistics. Use of mathematical models and computer simulation tools to estimate the human health impacts of exposure to environmental pollutants. Three lecture hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 470.

**ENVR 472. Quantitative Risk Assessment in Environmental Health Microbiology. 3 Credits.**

Recommended preparation, microbiology, epidemiology, and infectious diseases. Survey of alternative approaches, frameworks, and decision-making tools for quantitative risk assessment of microbial pathogens that infect humans and cause disease by the exposure routes of water, food, air, and other vehicles.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 500. Environmental Processes, Exposure, and Risk Assessment. 3 Credits.**

Environmental chemical and biological transport and transformation, exposure to environmental contaminants, and environmental risk assessment.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 261.

**Grading Status:** Letter grade.



**ENVR 505. Chemical Oceanography. 4 Credits.**

Graduate students only; undergraduates must have permission of the instructor. Overview of chemical processes in the ocean. Topics include physical chemistry of seawater, major element cycles, hydrothermal vents, geochemical tracers, air-sea gas exchange, particle transport, sedimentary processes, and marine organic geochemistry. Three lecture and two recitation hours per week. Course previously offered as GEOL 505/MASC 505.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** EMES 505.

**ENVR 514. Measurement of NO<sub>x</sub>, O<sub>3</sub>, and Volatile Organic Compounds. 3 Credits.**

This course is intended to develop a student's ability to operate the primary instruments for measuring these important pollutants, collect and process samples where necessary, record data, and process instrument data into final air concentration data.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 520. Biological Oceanography. 4 Credits.**

For graduate students; undergraduates need permission of the instructor. Marine ecosystem processes pertaining to the structure, function, and ecological interactions of biological communities; management of biological resources; taxonomy and natural history of pelagic and benthic marine organisms. Three lecture and one recitation hours per week. Two mandatory weekend fieldtrips. Course previously offered as MASC 504.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** EMES 507, BIOL 657.

**ENVR 522. Environmental Change and Human Health. 3 Credits.**

The course will provide students with a multidisciplinary perspective of environmental changes to encompass both human health and ecological health.

**Rules & Requirements**

**Requisites:** Prerequisite, ENEC 201 or 202.

**Grading Status:** Letter grade.

**Same as:** ENEC 522.

**ENVR 525. Water, Sanitation, Hygiene, and Global Health. 3 Credits.**

Builds on an understanding of infectious and toxic hazards, disease causation, and environmental transmission. Deals with hazard and disease classification; safety, risk, and vulnerability; interventions and their health impact; approaches in different settings; distal factors (e.g., water scarcity, climate change); and approaches to studying unsafe water, sanitation, and hygiene. Previously offered as ENVR 682.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 548. Sustainable Energy Systems. 3 Credits.**

This course will provide an introduction to urgent topics related to energy, sustainability, and the environment. The course material will focus on new technologies, policies, and plans in cities and different governing bodies in the energy system with a focus on developing tools to analyze energy for its sustainability, impact on people, the environment, and the economy.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLAN 548, ENEC 548.

**ENVR 570. Methods of Environmental Decision Analysis. 3 Credits.**

Required preparation, one course in probability and statistics. Use of quantitative tools for balancing conflicting priorities (such as costs versus human health protection) and evaluating uncertainties when making environmental decisions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 575. Global Climate Change: Science, Impacts, Solutions. 3 Credits.**

This class addresses the importance of climate change in its entirety. The first half of the course addresses climate science, followed by climate change impacts, energy and mitigation technologies, economics, and international politics. Improving communication and quantitative skills is emphasized through homework, in-class presentations, and a research paper.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 580. Policy Design for Environment, Climate, and Health. 3 Credits.**

Students will be introduced to the types of policy instruments that can be used to solve environmental health problems. The course provides a framework for understanding the tasks involved, the main institutions responsible, and an in-depth description of the policy instruments used to tackle environmental health problems.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 582. Sanitation for Development. 3 Credits.**

Over a million children die yearly from diarrhea, in part because 2.0 billion humans do not have access to a basic toilet. This course presents the problems and context of inadequate sanitation in the developing world, and, more importantly, the types of solutions and approaches available to reduce these problems.

**Rules & Requirements**

**Making Connections Gen Ed:** PL, GL.

**Grading Status:** Letter grade.

**ENVR 593. Undergraduate Practicum in Environmental Health Sciences. 1-3 Credits.**

A practical experience in a setting relevant to environmental health.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENVR 600. Environmental Health. 3 Credits.**

This course examines the relationship between environmental quality, human health and welfare, with particular attention to contamination in human environment; physical, biological, and social factors; trade-offs regarding prevention and remediation measures. Three lecture hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 601. Epidemiology for Environmental Scientists. 3 Credits.**

An introduction to relevant epidemiologic concepts that inform environmental science research. Learning objectives include discussing basic epidemiologic concepts and measures of disease occurrence in populations, explaining epidemiological study designs for studying associations between risk factors or exposures in populations, evaluating epidemiologic evidence, and comprehending basic ethical principles.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 610. Global Perspectives on Environmental Health Inequalities. 3 Credits.**

Students will learn about how social, economic, and political factors impact environmental health outcomes and will be introduced to theories and methods for incorporating social determinants frameworks into environmental health research, as well as the role of environmental justice movements.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 630. Systems Biology in Environmental Health. 3 Credits.**

Required preparation, one year of biology. Environmental systems biology examines how environmental stressors influence the components of a biological system, and how the interactions between these components result in changes in the function and behavior of that system.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 635. Energy Modeling for Environment and Public Health. 3 Credits.**

Recommended preparation, MATH 231. This course will equip students with an overview of contemporary issues in energy modeling and energy systems analysis, with a focus on environmental and public health impacts of energy systems. Students will gain exposure to a variety of research methodologies, analytical tools, and applications of energy modeling applied to environmental and public health related problems such as climate change, air pollution, and water footprints of energy systems.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 635, PLAN 635.

**ENVR 640. Environmental Exposure Assessment. 3 Credits.**

Permission of the instructor for nonmajors. The course material introduces the general concepts of assessing environmental exposures to chemicals in human populations. This includes the design of ecologic and personal monitoring studies, the techniques and equipment used for sampling and analysis, and interpretation of data.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 650. Principles of Chemical Carcinogenesis. 2 Credits.**

Required preparation, organic chemistry. Bioactivation of carcinogens, interaction of activated metabolites with DNA, and their effects on DNA structure, replication, repair, and the control of these processes during development of chemically induced carcinogenesis. Two lecture hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 661. Scientific Computation I. 3 Credits.**

Requires some programming experience and basic numerical analysis. Error in computation, solutions of nonlinear equations, interpolation, approximation of functions, Fourier methods, numerical integration and differentiation, introduction to numerical solution of ODEs, Gaussian elimination.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** MATH 661.

**ENVR 662. Scientific Computation II. 3 Credits.**

Theory and practical issues arising in linear algebra problems derived from physical applications, e.g., discretization of ODEs and PDEs. Linear systems, linear least squares, eigenvalue problems, singular value decomposition.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 661.

**Grading Status:** Letter grade.

**Same as:** MATH 662, COMP 662.

**ENVR 666. Numerical Methods. 3 Credits.**

Numerical methods for solving problems arising in sciences and engineering. Solution of linear equations using direct and iterative approaches, solution of nonlinear systems of algebraic equations, solution of ordinary differential equations including single and multistep methods, and methods for stiff systems of ODEs and collocation methods for linear and nonlinear PDEs.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 116 and MATH 383.

**Grading Status:** Letter grade.

**ENVR 668. Methods of Applied Mathematics I. 3 Credits.**

Requires an undergraduate course in differential equations. Contour integration, asymptotic expansions, steepest descent/stationary phase methods, special functions arising in physical applications, elliptic and theta functions, elementary bifurcation theory.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** MATH 668.

**ENVR 669. Methods of Applied Mathematics II. 3 Credits.**

Perturbation methods for ODEs and PDEs, WKBJ method, averaging and modulation theory for linear and nonlinear wave equations, long-time asymptotics of Fourier integral representations of PDEs, Green's functions, dynamical systems tools.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 668.

**Grading Status:** Letter grade.

**Same as:** MATH 669.

**ENVR 671. Environmental Physics I. 3 Credits.**

A first graduate-level course in physical principles relevant to environmental systems. Topics include dimensional analysis, tensor calculus, conservation of mass and momentum. Applications are considered from natural and engineered systems and across all relevant media. Focus is on the development of mechanistic representation of environmental systems.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 672. Environmental Physics II. 3 Credits.**

Second part of a graduate-level sequence in physical principles relevant to environmental systems. Topics include turbulence, conservation of energy, multiscale methods, and thermodynamics. Applications are considered from natural and engineered systems and across all relevant media. Focus is on development of mechanistic representation of environmental systems.

**Rules & Requirements**

**Requisites:** Prerequisite, ENVR 671.

**Grading Status:** Letter grade.

**ENVR 673. Hydraulics for Environmental Engineering. 3 Credits.**

Permission of the instructor for undergraduates. This course teaches practical basics of how to solve environmental engineering problems in the hydraulics of pipes, pumps, networks, and open channels. The course is a mix of classroom lectures, problem-solving sessions, and laboratory sessions.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 231 and PHYS 114.

**Grading Status:** Letter grade.

**ENVR 675. Air Pollution, Chemistry, and Physics. 3 Credits.**

This class is designed for graduate students planning for research in air pollution, emphasizing chemical kinetics and engineering approaches to problem solving in addition to atmospheric structure, meteorology, and modeling. We address problems of stratospheric and tropospheric ozone, particulate matter, and acid rain. We emphasize quantitative problem solving in homework.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 683. Water-Health Research I. 2 Credits.**

Permission of the instructor for undergraduates and nonmajors. Introduces students to methods for research conception, design, planning, and implementation in fields related to water and its impacts on health. Students study approaches and tools that may be applied in water-related research and are coached in developing their own research design.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 684. Water-Health Research II. 2 Credits.**

Permission of the instructor for undergraduates and nonmajors. Familiarizes students with the principles of scientific communication with an emphasis on scientific writing and oral presentations. Using their own water and health research, students learn how to communicate effectively in informal settings and how to prepare for interviews with the media.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 685. Water and Sanitation Planning and Policy in Less Developed Countries. 3 Credits.**

Permission of the instructor. Seminar on policy and planning approaches for providing improved community water and sanitation services in developed countries. Topics include the choice of appropriate technology and level of service, pricing, metering, and connection charges; cost recovery and targeting subsidies to the poor; water venting; community participation in the management and operation of water systems; and rent-seeking behavior in the provision of water supplies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLAN 685.

**ENVR 687. Writing for Journal Publication on Water and Sanitation Hygiene, Health, and Development. 2 Credits.**

This course familiarizes students with scientific paper writing and coaches students towards journal manuscript submission. Students should have a data set of results. Sessions begin with student presentations and discussion, followed by a brief preparatory lecture on the next assignment. Substantive preparation is required between sessions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ENVR 691H. Honors Research. 3 Credits.**

Permission of the instructor. Directed readings or laboratory study of a selected topic. A written report is required in the form of an honors thesis (ENVR 692H).

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENVR 692H. Honors Thesis. 3 Credits.**

Students complete honors research projects.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ENVR 695. Undergraduate Research. 1-3 Credits.**

Directed readings or laboratory study. Written reports are required. May be taken more than once for credit. Three to nine hours per week.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ENVR 698. Senior Capstone Course. 3 Credits.**

This capstone course covers a range of issues in public health ethics, particularly focused on environmental health. Students will work on a team-based project over the course of the semester. The projects will be focused on topics that have ethical relevance and will integrate students' knowledge in environmental health.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

### Department of Environmental Sciences and Engineering

Visit Program Website (<http://www.sph.unc.edu/ese/>)

160 Rosenau Hall, CB# 7431

(919) 966-3844

#### Chair

Barbara J. Turpin

#### Program Director (Major)

Amanda Northcross

[amandaln@email.unc.edu](mailto:amandaln@email.unc.edu)

#### Academic Coordinator

Jennifer Moore

[ESEStudentServices@unc.edu](mailto:ESEStudentServices@unc.edu)

## Environmental Health Sciences Major, B.S.P.H.

Environmental health is at the foundation of public health and focuses on understanding the relationships between people and their environment to protect human health, promote well-being, and foster healthy and safe communities. The undergraduate major in environmental health sciences is designed to develop a comprehensive understanding of the environmental factors that impact human health; the physical, chemical, and biological processes that underlie the impact of human activity on the environment and human health; the methods used to assess the impact of human activity on the environment and human health; and science-based solutions for environmental problems.

The program gives students the opportunity to focus their studies on environmental chemistry, environmental health biology, or environmental physics by selecting a concentration. Recent graduates have entered graduate programs in environmental health, epidemiology, environmental science, microbiology, marine science, applied mathematics, and environmental engineering, as well as entered medical school. Students who pursued employment after completing the B.S.P.H. degree are working in environmental advocacy organizations, environmental consulting firms, industry, and governmental agencies. Some have started their own companies or non-profits.

Students go through the program in a cohort of about 30–40 students, creating a strong sense of community within the program and the Environmental Sciences and Engineering Department. The program also offers a supportive and collaborative learning environment. Each student is matched with a faculty mentor and supported by an academic coordinator and dedicated career services coordinator within the school.

Admission (<https://catalog.unc.edu/undergraduate/programs-study/environmental-health-sciences-major-bsph/#admissiontext>) into the program requires satisfactory completion of coursework in basic sciences and mathematics.

Upon completion of the B.S.P.H. in environmental science and engineering, students should be able to:

- Define current major issues in environmental health, sciences, and engineering
- Provide quantitative answers to complex environmental questions and describe the potential underlying uncertainties

- Describe linkages between sources of environmental contaminants, ambient concentrations, human exposures, and possible solutions
- Describe the mechanistic basis for environmentally induced disease and methods for prevention
- Demonstrate written and oral communication skills in environmental health, sciences, and engineering within a public health context
- Communicate public health information, in both oral and written forms, through a variety of media and to diverse audiences
- Locate, use, evaluate, and synthesize public health information
- Describe health inequities, identify their root causes at multiple levels of the social ecological framework, and discuss approaches to advancing health equity

## Admission

The Gillings School of Global Public Health offers four undergraduate majors: biostatistics, environmental health sciences, health policy and management, and nutrition. The undergraduate degree offered is the bachelor of science in public health (B.S.P.H.). Enrollment in the B.S.P.H. degree programs is limited, and students must apply for admission. Students typically apply in January of their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, the initial step of B.S.P.H. application is available in ConnectCarolina under the "Apply for Majors Change" tab. For additional information on application deadlines and how to apply, please visit the Public Health Undergraduate Majors (<https://sph.unc.edu/resource-pages/undergraduate-programs/>) website.

Transfer students interested in any of the B.S.P.H. degree programs must apply through the Office of Undergraduate Admissions (<http://admissions.unc.edu/apply/transfer-students/>) using the Transfer Common application.

For high school seniors, our four majors participate in the Assured Enrollment program through Undergraduate Admissions. Assured enrollment programs guarantee students a spot in an undergraduate major within one of Carolina's professional schools or a spot in an accelerated undergraduate/graduate program. For additional information, please visit Undergraduate Admissions: Special Opportunities (<https://admissions.unc.edu/explore/enrich-your-education/excelcarolina/>).

Students are subject to the requirements in place when they are admitted to the Gillings School of Global Public Health; consequently, the requirements described in this catalog particularly apply to students admitted to Gillings during the 2023–2024 academic year.

## Prerequisite Courses Required for Admission

### B.S.P.H. Admission Requirements for Internal Transfer Students














For admission to the B.S.P.H. in Environmental Health Sciences, the requirements are:

- A 3.0 grade point average or higher for applicants (*Assured Enrollment students need a 3.2 grade point average or higher*)
- A grade of C (not C-) or better earned in (at least) one calculus course numbered MATH 231 or above (we prefer MATH 231, MATH 232, MATH 233)

- A grade of C (not C-) or better earned in one course from two of the following categories: biology, chemistry, computer programming, or physics (see the table below).

NOTE: A minimum of two out of the three courses required for admission must be completed in-residence at UNC–Chapel Hill.

Admission requirements must be successfully completed before the student begins the major (i.e., by the start of fall semester, junior year).

Code	Title	Hours
<b>Admission Requirements</b>		
One calculus course numbered MATH 231 or above. A grade of C or better required. Preferred courses include:		1 course
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	
Two additional courses from biology, chemistry, computer programming, or physics. No more than one course per category. All courses grade of C or better required. Preferred courses listed below:		2 courses
Biology (any course above 101 level):		
BIOL 103	 How Cells Function <sup>1, F</sup>	
BIOL 104	 Biodiversity <sup>2, F</sup>	
BIOL 201	Ecology and Evolution <sup>H</sup>	
BIOL 202	 Molecular Biology and Genetics <sup>H, F</sup>	
BIOL 220	 Molecular Genetics <sup>1, H</sup>	
BIOL 250	Evolutionary Biology <sup>2</sup>	
Chemistry (any course above 101 level):		
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	
Computer programming:		
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
BIOL/MATH 553	Mathematical and Computational Models in Biology	
GEOG 597	Ecological Modeling	
Physics:		
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	
PHYS 115	 General Physics II: For Students of the Life Sciences <sup>F</sup>	
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Suggested for pre-med and students with interest in toxicology and genetics.

<sup>2</sup> Suggested for students with strong interests in climate change, environmental chemistry.

## Requirements

In addition to the program requirements listed below, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- earn a C (not C-) or better in all prerequisite, core, and additional courses required for the major
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill.

For more information, please consult the degree requirements section of the catalog (p. 1241).


















The major in environmental health sciences includes several concentrations:

- General (p. 502)
- Environmental Chemistry (p. 502)
- Environmental Health Biology (p. 502)
- Environmental Physics (p. 503)

## Requirements for All Concentrations

Code	Title	Hours
<b>Core Requirements</b>		
Public Health Core Courses:		
BIOS 600	Principles of Statistical Inference	3
EPID 600	Principles of Epidemiology for Public Health	3
SPHG 351	Foundations of Public Health	3
SPHG 352	Public Health Systems and Solutions	4
Other Core Courses:		
ENVR 205	Engineering Tools for Environmental Problem Solving (spring)	3
ENVR 230	Environmental Health Issues (fall)	3
ENVR 403	Environmental Chemistry Processes (spring)	3
ENVR 430	Health Effects of Environmental Agents (fall)	3
One of the following:		
ENVR 698	Senior Capstone Course (to be taken in the senior year)	3
ENVR 593	Undergraduate Practicum in Environmental Health Sciences (with approval)	
ENVR 695	Undergraduate Research	
ENVR 692H	Honors Thesis (with approval)	

**Prerequisite and Additional Requirements**<sup>†</sup>

BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
BIOL 201 or BIOL 103 or BIOL 104	Ecology and Evolution <sup>H</sup>  How Cells Function  Biodiversity	3-4
BIOL 202 or BIOL 220 or BIOL 250	 Molecular Biology and Genetics <sup>H, F</sup>  Molecular Genetics Evolutionary Biology	3-4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102 & 102L	 General Descriptive Chemistry II and  Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
One of the following:		3
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
BIOL/MATH 553	Mathematical and Computational Models in Biology	
GEOG 597	Ecological Modeling	
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
PHYS 118 or PHYS 114	 Introductory Calculus-based Mechanics and Relativity <sup>1,2, H, F</sup>  General Physics I: For Students of the Life Sciences	4
PHYS 119 or PHYS 115	 Introductory Calculus-based Electromagnetism and Quanta <sup>1,2, H, F</sup>  General Physics II: For Students of the Life Sciences	4
<b>Total Hours</b>		<b>68-70</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Preferred.


<sup>2</sup> PHYS 118 and PHYS 119 are required for the environmental chemistry concentration.

† Applicants should have earned a grade of C or better from UNC-Chapel Hill in at least one course per group in three of the five prerequisite course groups. See Admissions tab for details.

## General Concentration

Code	Title	Hours
<b>Environmental Health Electives</b>		
All students should complete two advanced undergraduate or graduate level courses (400-level or above) that provide in-depth study of environmental health. Courses should be listed or cross-listed as ENVR courses. ENVR 400, ENVR 403, ENVR 430, ENVR 593, ENVR 600, ENVR 601, ENVR 695, ENVR 691H and ENVR 692H are excluded.		6-8
<b>Total Hours</b>		<b>6-8</b>

## Environmental Chemistry Concentration

Code	Title	Hours
<b>Environmental Health Electives</b>		
All students must complete two advanced (400-level or above) courses selected from:		5-7
ENVR 416	Aerosol Physics and Chemistry	
ENVR 419	Chemical Equilibria in Natural Waters	
ENVR 451	Introduction to Environmental Modeling	
ENVR 575	Global Climate Change: Science, Impacts, Solutions	
ENVR 650	Principles of Chemical Carcinogenesis	
ENVR 675	Air Pollution, Chemistry, and Physics	
<b>Additional Requirements</b>		
CHEM 481	Physical Chemistry I	3
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
<b>Total Hours</b>		<b>15-17</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Environmental Health Biology Concentration

Code	Title	Hours
<b>Environmental Health Electives</b>		
All students must complete two advanced (400-level or above) courses selected from:		6
ENVR 411	Laboratory Techniques and Field Measurements	
ENVR 412	Ecological Microbiology	
ENVR 421	Environmental Health Microbiology	
ENVR 423	Industrial Toxicology	
ENVR 425	Introduction to Health Physics: Radiation and Radiation Protection	
ENVR 432	Occupational Safety and Ergonomics	
ENVR 433	Health Hazards of Industrial Operation	
ENVR 442	Biochemical Toxicology	

ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health
ENVR 470	Environmental Risk Assessment
ENVR 610	Global Environmental Health Inequities
ENVR 630	Systems Biology in Environmental Health
ENVR 640	Environmental Exposure Assessment

**Total Hours** 6

## Environmental Physics Concentration

Code	Title	Hours
<b>Environmental Health Electives</b>		

All students must complete two advanced (400-level or above) courses selected from the following list: 6-7

ENVR 416	Aerosol Physics and Chemistry
ENVR 451	Introduction to Environmental Modeling
ENVR 453	Groundwater Hydrology
ENVR 666	Numerical Methods
ENVR 671	Environmental Physics I
ENVR 472	Quantitative Risk Assessment in Environmental Health Microbiology
ENVR 675	Air Pollution, Chemistry, and Physics

### Additional Requirements

MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3

**Total Hours** 13-14

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101 College Thriving	1
ENGL 105 English Composition and Rhetoric	3
or ENGL 105I English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4

Global Language through level 3 (p. 1180) varies

**Hours** 11

### Fall Semester

MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H, F</sup>	4

**Hours** 8

### Spring Semester

CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
COMP 116	Introduction to Scientific Programming	3
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4

**Hours** 11

### Sophomore Year

#### Fall Semester

CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
BIOL 201	Ecology and Evolution <sup>H</sup>	3-4
or BIOL 103	or How Cells Function	
or BIOL 104	or Biodiversity	

**Hours** 7-8

#### Spring Semester

BIOL 202	Molecular Biology and Genetics <sup>H, F</sup>	3-4
or BIOL 220	or Molecular Genetics	
or BIOL 250	or Evolutionary Biology	

CHEM 261 Introduction to Organic Chemistry I<sup>H</sup> 3

**Hours** 6-7

### Junior Year

#### Fall Semester

ENVR 205	Engineering Tools for Environmental Problem Solving	3
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
SPHG 351	Foundations of Public Health	3

**Hours** 10

#### Spring Semester

ENVR 230	Environmental Health Issues	3
ENVR 403	Environmental Chemistry Processes	3
SPHG 352	Public Health Systems and Solutions (Public Health Systems & Solutions)	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4

**Hours** 14

### Senior Year

#### Fall Semester

ENVR 430	Health Effects of Environmental Agents	3
ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3

BIOS 600	Principles of Statistical Inference	3
<b>Hours</b>		<b>9</b>
<b>Spring Semester</b>		
ENVR 575	Global Climate Change: Science, Impacts, Solutions	3
ENVR 698	Senior Capstone Course	3
EPID 600	Principles of Epidemiology for Public Health	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>85-87</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Special Opportunities in Environmental Health Sciences

### Accelerated Bachelor's-to-Master's Program (<https://sph.unc.edu/envr/bachelors-to-masters-programs/>)

The Department of Environmental Sciences and Engineering offers an accelerated path to obtain a master's degree for students who are completing, or have completed, a B.S.P.H or any B.S. in a STEM field from UNC–Chapel Hill. An accelerated master's degree has the same overall credit requirements as a regular master's degree, but potentially allows a student to finish in a single year. The M.S. and M.S.P.H. degrees are research-focused; the M.P.H. is focused on coursework and public health practice. These degrees prepare students to work as researchers, program officers, or consultants in industry, government organizations, and the non-profit sector; many graduates have gone on to complete doctoral degrees at UNC–Chapel Hill or elsewhere.

Students interested in the accelerated degree program must have completed their B.S. or B.S.P.H. in the previous academic year. Students progressing to an M.S., M.P.H., and M.S.P.H can transfer up to twelve hours of graduate-level (400 or above) coursework. For the M.S. and M.S.P.H., it is strongly recommended that students have identified an advisor and made progress toward their master's research as early as possible, preferably by their senior year.

Interested? Learn more (<https://sph.unc.edu/envr/bachelors-to-masters-programs/>).

### Honors in Environmental Health Sciences

Students who have a grade point average of 3.3 or higher are eligible to participate in honors research and to write an honors thesis.

### Study Abroad

There are several opportunities for pursuing environmental study abroad, both through the department and through the UNC Study Abroad Office (<https://studyabroad.unc.edu/>).

### Affiliated Study Abroad Programs

- Thailand – UNC Institute for the Environment (<https://ie.unc.edu/education/field-sites/thailand/>)

- UNC Galapagos Initiative – Summer Study Abroad Program (<https://galapagos.unc.edu/study-abroad/>)

## School and Departmental Involvement

Opportunities exist for involvement in student organizations such as the Environmental Student Organization (ENVRSO), the Student Global Health Committee, GlobeMed, the Minority Student Caucus, the Committee on Diversity and Inclusion, and the school's student government. Students are also actively involved in environmental and health focused organizations on campus.

The Department of Environmental Sciences and Engineering is home to UNC's Water Institute (<https://waterinstitute.unc.edu/>), Center on Financial Risk in Environmental Systems (<https://sph.unc.edu/cfres/center-on-financial-risk-in-environmental-systems/>), and the Institute for Environmental Health Solutions (<https://sph.unc.edu/iehs/institute-for-environmental-health-solutions/>), and participates in UNC's strong University-wide environmental (<https://ie.unc.edu/>) and climate change communities, including NC Occupational Safety and Health Education and Research Center.

## Undergraduate Research

Many undergraduate students participate in the research programs of the department. Students are encouraged to consult individual faculty members for opportunities to participate in such research. In addition, the department has information concerning fellowships and internships, some of which are combined with research opportunities in laboratories or field settings.

## B.S.P.H. in Environmental Health Sciences Ambassadors

Current student ambassadors for the bachelor of science in public health program in environmental health sciences are happy to answer questions you may have about the application process, the program, or student life in the Gillings School of Global Public Health. Learn more (<https://sph.unc.edu/envr/bsph-in-environmental-health-sciences-ambassadors/>).

## Department Programs

### Major

- Environmental Health Sciences Major, B.S.P.H. (p. 500)

### Minor

- Engineering for Environmental Change, Climate, and Health Minor (p. 505)

## Contact Information

### Department of Environmental Sciences and Engineering

Visit Program Website (<http://www.sph.unc.edu/ese/>)  
160 Rosenau Hall, CB# 7431  
(919) 966-3844

### Chair

Barbara J. Turpin

### Program Director (Major)

Amanda Northcross  
[amandaln@email.unc.edu](mailto:amandaln@email.unc.edu)

### Academic Coordinator

Jennifer Moore  
[ESEStudentServices@unc.edu](mailto:ESEStudentServices@unc.edu)



## Engineering for Environmental Change, Climate, and Health Minor

This minor is designed to train students with an interest in developing engineering skills focused on building public health resilience to climate and environmental change. Climate-related challenges will include droughts, floods, heatwaves and extreme weather events, which in turn impact air pollution, water availability and quality, toxic releases, food and nutrition, infectious and non-communicable diseases, and will increase migration and conflict pressure and exacerbate health inequities. As environmental scientists and engineers located within the top *public* school of public health, the Department of Environmental Sciences and Engineering (ESE) is ideally positioned to provide holistic, intersectoral responses to mitigate and prepare for these upcoming and pressing environmental challenges. Join the minor to learn about climate change, health/risk assessment, environmental processes, and engineering tools to provide quantitative answers to complex environmental questions.

Information about the application process can be found on the department website (<https://sph.unc.edu/envr/minor-in-engineering-for-environmental-change-climate-and-health/>).












In addition to the program requirements listed below, students must:



- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

### Prerequisite Courses

Students may apply for the minor any semester after completing MATH 233. Admitted students must have an average GPA of 3.0 or higher in the minor's prerequisite courses.

Code	Title	Hours
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102 & 102L	 General Descriptive Chemistry II and  Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	4
or PHYS 118	 Introductory Calculus-based Mechanics and Relativity	
PHYS 115	 General Physics II: For Students of the Life Sciences <sup>F</sup>	4
or PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta	

COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	3
or COMP 116	Introduction to Scientific Programming	
or PHYS 231	 Physical Computing	
or BMME 201	Computer Methods in Biomedical Engineering	

**Total Hours** **34**

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

### Core Requirements

Code	Title	Hours
<b>Core Requirements</b>		
ENVR 205	Engineering Tools for Environmental Problem Solving	3
ENVR 275	Global Climate Change: Interdisciplinary Perspectives	1
Select one health/risk assessment course from the following list:		3
ENVR 430	Health Effects of Environmental Agents	
ENVR 470	Environmental Risk Assessment	
ENVR 601	Epidemiology for Environmental Scientists	
ENVR 610	Global Environmental Health Inequities	
ENVR 630	Systems Biology in Environmental Health	
Select one environmental process course from the following list:		3
Air quality and atmospheric processes		
ENVR 416	Aerosol Physics and Chemistry	
ENVR 675	Air Pollution, Chemistry, and Physics	
Sustainable water resources		
ENVR 419	Chemical Equilibria in Natural Waters	
ENVR 421	Environmental Health Microbiology	
ENVR 453	Groundwater Hydrology	
ENVR 525	Water, Sanitation, Hygiene, and Global Health	
ENVR 685	Water and Sanitation Planning and Policy in Less Developed Countries	
ENVR 755	Analysis of Water Resource Systems	
ENVR 756	Physical/Chemical Treatment Processes	
ENVR 890	Problems in Environmental Sciences and Engineering (section 002)	
Select one engineering tools course from the following list:		3
ENVR 451	Introduction to Environmental Modeling	
ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	
ENVR 548	Sustainable Energy Systems	
ENVR 580	Policy Design for Environment, Climate, and Health	
ENVR 582	Sanitation for Development	
ENVR 666	Numerical Methods	
ENVR 671	Environmental Physics I	

ENVR 672	Environmental Physics II
ENVR 698	Senior Capstone Course
ENVR 788	Managing Environmental Financial Risk

**Total Hours** **13**

## Department Programs

### Major

- Environmental Health Sciences Major, B.S.P.H. (p. 500)

### Minor

- Engineering for Environmental Change, Climate, and Health Minor (p. 505)

## Contact Information

### Department of Environmental Sciences and Engineering

Visit Program Website (<http://www.sph.unc.edu/ese/>)

160 Rosenau Hall, CB# 7431

(919) 966-3844

### Program Director (Minor)

Joe Brown

JoeBrown@unc.edu

### Chair

Barbara J. Turpin

### Program Director (Major)

Amanda Northcross

amandaln@email.unc.edu

### Academic Coordinator

Jennifer Moore

ESEStudentServices@unc.edu

# Curriculum in Contemporary European Studies

## Introduction

The curriculum in contemporary European studies (EURO) is designed to provide students with

- A broad interdisciplinary understanding of modern Europe and the European Union
- A focused understanding of contemporary Europe from the perspective of a selected social science, and
- Advanced proficiency in a modern European language

Students are encouraged to combine the EURO major with a second major in a field such as political science, economics, or history; or an interdisciplinary field such as German or romance studies, comparative literature, chemistry, PPE (politics, philosophy, and economics), or sustainability studies. EURO majors are also encouraged to study abroad and work closely with the advisor to obtain EURO credit while abroad. Through its unique combination of advanced coursework and language training, the curriculum provides the intellectual building blocks to study contemporary Europe through a sophisticated framework. Students completing the major will be well prepared for graduate or professional study of contemporary Europe and for a range of international careers.

## Advising

In addition to the guidance provided by the primary academic advisors from the Academic Advising Program, EURO majors receive individualized advising at all stages of academic planning, including considering courses, internships, study abroad options, graduate programs, and career paths. Students interested in pursuing a major in contemporary European studies are encouraged to meet with the curriculum advisor as early as possible in their undergraduate career to design a comprehensive and efficient course plan – including considering the EURO-TAM B.A.-M.A. program option – and take full advantage of study abroad and other international education opportunities. Consult the curriculum website (<http://europe.unc.edu/euro/>) for further information on courses, funding, research, travel awards, campus resources, and the alumni network.

### Major

- Contemporary European Studies Major, B.A. (p. 508)

## Advisory Board


Chad Bryant (History), John Coyle (Law), Joanneke Fleischauer (UNC Libraries), Liesbet Hooghe (Political Science), Serenella Iovino (Romance Studies), Arne Kalleberg (Sociology), Priscilla Layne (Germanic and Slavic Languages and Literatures), Gary Marks (Political Science), Susan Dabney Pennybacker (History), John Pickles (Geography), Dan Sherman (History).

## Affiliated Faculty

Karen Auerbach (History), Cemil Aydin (History), Cameron Ballard-Rosa (Political Science), Andrea Bohlman (Music), Cristina Carrasco (Romance Studies), Amy Chambless (Romance Studies), Tori Ekstrand (Media and Journalism), Greg Gangi (Institute for the Environment), Banu Gökarişel (Geography), Karen Hagemann (History), Didem Havlioglu (Asian Studies), Dorothea Heitsch (Romance Studies), Evelyne Huber (Political Science), Konrad Jarausch (History), Robert Jenkins (Political Science), Lloyd Kramer (History), Richard Langston (Germanic and Slavic Languages and Literatures), Klaus Larres (History), Hassan Melehy (Romance Studies), Holger Moroff (Political Science), Susan Harbage Page (Women's and Gender Studies), Tony Perucci (Communications), Valerie Pruvost (Romance Studies), Donald Reid (History), Courtney Rivard (English and Comparative Literature), Graeme Robertson (Political Science), Christina Rudosky (Romance Studies), Don Searing (Political Science), Louise Spieler (Media and Journalism), Gabriel Trop (Germanic and Slavic Languages and Literatures), Milada Vachudova (Political Science), Richard Vernon (Romance Studies), Ruth von Bernuth (Germanic and Slavic Languages and Literatures).

The Center for European Studies also hosts many visiting scholars from Europe.

## EURO–Contemporary European Studies Undergraduate-level Courses

 **EURO 89. First-Year Seminar: Special Topics. 3 Credits.** Special topics course. Content will vary each semester.

### Rules & Requirements

 **IDEAs in Action Gen Ed: FY-SEMINAR.**

**Grading Status:** Letter grade.

**EURO 159. From War to Prosperity: 20th-Century Europe. 3 Credits.**

A critical overview of 20th-century European history, with particular attention to the constant ethnic, religious, social, economic, and cultural struggles (including Holocaust, Cold War) in various subunits of the old continent.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 159.

**EURO 190. Special Topics Seminar in Contemporary European Studies. 1-3 Credits.**

A detailed examination of selected topics in the field of Contemporary European Studies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**EURO 239. Introduction to European Government. 3 Credits.**

A treatment of the political institutions and processes of western European democracies, with special attention to France, Germany, England, and Italy. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** POLI 239.

**EURO 252. Politics, Society, and Culture in Modern Germany (1871-1945). 3 Credits.**

This course explores the history of Modern Germany, by focusing on Imperial Germany, the Weimar Republic and the Third Reich. We will study continuities and changes in politics, society, and culture and examine the lasting impact of World War I, World War II and the Holocaust.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 252.

**EURO 257. Politics, Society, and Culture in Postwar Germany. 3 Credits.**

The interdisciplinary seminar will explore cultural, historical, and political issues of contemporary Germany and analyze German developments from the postwar period to the present. Readings and discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 257, POLI 257.

**EURO 259. Towards Emancipation? Women in Modern Europe. 3 Credits.**

This course examines and compares the situation of women in politics, the work force, society and family from the French Revolution to the new women's movement in the 1970s with a focus on Britain, France and Germany. One major theme is the history of the struggle for women's emancipation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 259, WGST 259.

**EURO 270. Religion in Western Europe. 3 Credits.**

In this course, we will explore various topics related to the past and present status of religion in general, and of certain religions in particular, within three Western European countries: the United Kingdom, France, and Germany. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** RELI 270.

**EURO 285. Applied Experimental Research: Politics in the US and Europe. 3 Credits.**

The course familiarizes students with experimental research methods in political science, including laboratory experiments, field experiments, and survey experiments. Students will design and conduct an experimental research project on a research question about US or European politics.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, QI.

**Grading Status:** Letter grade.

**Same as:** POLI 285.

**EURO 347. Fascist Challenge in Europe, 1918-1945. 3 Credits.**

The course focus on theories on fascism, national cultures of fascism (e.g. Nazi Germany, Fascist Italy, Hungary) as well as selected topics which are essential to understand the attraction and functioning of fascist movements and regimes since 1918 in Europe (e.g. racism, war, culture, charismatic leadership).

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 347.

**Advanced Undergraduate and Graduate-level Courses****EURO 433. Politics of the European Union. 3 Credits.**

Examines the politics and political economy of institutional change and policy making in the European Union in comparative perspective. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** POLI 433.

 **EURO 438. Democracy and International Institutions in an Undivided Europe. 3 Credits.**

Explores the collapse of communist rule in 1989 and the reaction of international institutions to the challenges of democratization, economic transition, ethnic conflict, and European integration in an undivided Europe.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** POLI 438.

 **EURO 442. International Political Economy. 3 Credits.**

Theories of international political economy, major trends in international economic relations, selected contemporary policy issues.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Requisites:** Prerequisites, ECON 101 and POLI 150.

**Grading Status:** Letter grade.

**Same as:** POLI 442.

 **EURO 460. International Economics. 3 Credits.**

An introduction to international trade, the balance of payments, and related issues of foreign economic policy.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**Same as:** ECON 460, PWAD 460.

 **EURO 486. Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015). 3 Credits.**

Using Alexievich as our beacon, we will explore the writers behind the term "Russian Women's Prose": Valeria Narbikova, Lyudmila Petrushevskaya, Tatyana Tolstaya, and Lyudmila Ulitskaya. The course will delve into gender identity and body politics as they manifest themselves in the literary texts of lasting aesthetic quality and social relevance. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** RUSS 486, WGST 486.


**EURO 490. Advanced Special Topics Seminar in Contemporary European Studies. 1-3 Credits.**

A detailed examination of advanced special topics in Contemporary European Studies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **EURO 691H. Honors Thesis in European Studies. 3 Credits.**


Directed independent research leading to the preparation of an honors thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **EURO 692H. Honors Thesis in European Studies. 3 Credits.**

Completion of the honors thesis and an oral examination of the thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Curriculum in Contemporary European Studies**

Visit Program Website (<http://europe.unc.edu/euro/>)

FedEx Global Education Center Room 3210, CB# 3449  
(919) 962-6765

**Director**

John D. Stephens

**Director (as of July 1, 2023)**

Priscilla Layne

[playne@email.unc.edu](mailto:playne@email.unc.edu)

**Director of Undergraduate Studies, EURO Major Advisor**

Katie Shanahan Lindner

[klindner@email.unc.edu](mailto:klindner@email.unc.edu)

**Student Services Manager**

Kayla Bassett

[kbassett@email.unc.edu](mailto:kbassett@email.unc.edu)

## Contemporary European Studies Major, B.A.

The curriculum in contemporary European studies (EURO) is designed to provide students with

- A broad interdisciplinary understanding of modern Europe and the European Union
- A focused understanding of contemporary Europe from the perspective of a selected social science discipline, and
- Advanced proficiency in a modern European language

## Student Learning Outcomes

Upon completion of the Contemporary European Studies program, students should be able to:

- Demonstrate knowledge of the historical and political complexities of the European continent
- Demonstrate advanced proficiency in an approved modern European language
- Demonstrate knowledge of the political, social, and economic integration of the European continent

- Show an interdisciplinary grasp of European cultures, histories, literatures, art, and ideas
- Report satisfaction with the major
- Gain admission to graduate programs or a job in a relevant field

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b> <sup>1</sup>		
EURO/HIST 159	From War to Prosperity: 20th-Century Europe	3
EURO/POLI 239	Introduction to European Government <sup>H</sup>	3
Four courses from one of the two themes listed below		12
One course chosen from the other theme		3
One additional course from Theme 1, Theme 2, or the list of approved elective courses on contemporary Europe		3
<b>Additional Requirements</b>		
A modern European foreign language through level 5, chosen from the following languages: Arabic, Bosnian-Croatian-Serbian, Czech, French, German, Italian, Polish, Portuguese, Russian, Spanish, Turkish. <sup>2</sup>		6
<b>Total Hours</b>		<b>30</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Of the total eight courses required for the major, three must be numbered 400 or above. Special topics courses EURO 190 and EURO 490 may count for either theme, with approval based on topic.

<sup>2</sup> Please see the list of global language courses in the “General Education Requirements” section of this catalog. The first three levels of a foreign language can count toward the General Education requirement and have not been included as additional hours for the major.

Contemporary European studies majors are required to complete a minimum of five semesters of a modern European language, or document fifth-semester proficiency through University placement tests. One approved literature course taught in the language may also count as a theme or elective course if included in the course listings above. Majors are strongly encouraged to apply their language proficiency skills in languages across the curriculum (LAC) courses and complete a UNC-approved study abroad program in the target language.

The Curriculum in Contemporary European Studies offers an honors program. Students who wish to pursue an honors thesis are advised to contact the director of undergraduate studies and will enroll in EURO 691H and EURO 692H.

New courses may be added to this list annually, as they are developed. An updated list of approved courses may be obtained from the contemporary European studies website (<http://europe.unc.edu/euro/>). Other courses relevant to the study of contemporary Europe may be taken for credit in the major (including EURO 190 and EURO 490), if approved by the curriculum advisor.

## Theme I. Contemporary Europe: Integration and Enlargement

Code	Title	Hours
ECON 461	European Economic Integration	3
ECON 560	Advanced International Economics	3
ECON/EURO/ PWAD 460	International Economics	3
EURO/POLI 442	International Political Economy	3
GEOG 124	Feminist Geographies	3
GEOG 448	Transnational Geographies of Muslim Societies	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
GEOG/PLAN 428	Global Cities: Space, Power, and Identity in the Built Environment	3
POLI 190	Undergraduate Seminar <sup>*,H</sup>	3
POLI 232	Politics of the United Kingdom <sup>H</sup>	3
POLI 236	Politics of East-Central Europe <sup>H</sup>	3
POLI 255	International Migration and Citizenship Today <sup>H</sup>	3
POLI 433	Politics of the European Union <sup>H</sup>	3
POLI 438	Democracy and International Institutions in an Undivided Europe	3
POLI 447	Immigrant Integration in Contemporary Western Europe <sup>H</sup>	3
POLI 448	The Politics of Multilevel Governance	3
POLI 451	Race, Ethnicity, and Political Change in Comparative Perspective	3
POLI 490	Advanced Special Topics in Political Science <sup>*,H</sup>	3
POLI 630	Political Contestation in Europe	3
POLI 631	European Security: The Enlarging European Union and the Trans-Atlantic Relationship	3
POLI 632	The European Union as a Global Actor	3
POLI/PWAD 459	Trans-Atlantic Security <sup>H</sup>	3
POLI/PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI/PWAD/SOCI 260	Crisis and Change in Russia and Eastern Europe	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

\* Asterisked courses require approval, based on topic.

**Theme II. Contemporary Europe: Histories and Cultures**











Code	Title	Hours
ARTH 282	 Modernism I: Realism, Impressionism, Post-Impressionism	3
ARTH 284	 Modernism II: 1905-1960	3
ARTH 303	 Art and Colonialism: France in Africa/Africa in France	3
ARTH 330	 Art, History, and the Modern Museum	3
ANTH 377	European Societies	3
ASIA 490	Advanced Topics in Asian Studies *	1-4
BCS 411	Introduction to South Slavic Literatures and Cultures	3
BCS 490	Topics in South Slavic Cultures	3
CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
CMPL 281	Holocaust Cinema in Eastern Europe	3
CMPL 469	 Milan Kundera and World Literature	3
CMPL 479	What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3
COMM 464	 Collaborative Performance <sup>H</sup>	3
CZCH 280	Closely Watched Trains: Czech Film and Literature	3
CZCH 411	Introduction to Czech Literature	3
EURO/HIST 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3
EURO/HIST/ WGST 259	 Towards Emancipation? Women in Modern Europe	3
EURO/HIST 347	Fascist Challenge in Europe, 1918-1945	3
FREN 262	 Cultural and Linguistic Diversity in the French-Speaking World	3
FREN 326	Cultures of Resistance in the French-Speaking World	3
FREN 350	 Current Societal Issues: France and Beyond	3
FREN 377	The Evolution of Frenchness since WWII	3
FREN 378	French and European Transmigrations: Global Contexts	3
FREN 383	Franco-Asian Encounters	3
FREN 437	Literary and Cultural Theory in France	3
FREN 504	Cultural Wars: French/United States Perspectives	3
FREN 513	20th- and 21st-Century French Literature and Culture	3
GERM 245	 Marx, Nietzsche, and Freud	3
GERM 265	 Hitler in Hollywood: Cinematic Representations of Nazi Germany	3
GERM 267	 Contemporary German and Austrian Cinema	3
GERM 268	Auteur Cinema	3
GERM 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
GERM 282	 Different than the Others: Stories of Queer German Liberation, 1864-2021	3
GERM 285	Contemporary German Literature in Translation	3
GERM 286	 (Un)Welcomed Guests? German Reflections on Exile and Immigration	3
GERM 349	Vienna-Munich-Berlin: Revolutions in German Art c. 1900	3
GERM 450	Nietzsche, Hesse, and Mann	3
GERM 655	Later 20th-Century Literature	3
GSLL 259	 Ideology and Aesthetics: Marxism and Literature	3
GSLL 254	The Division of Germany, Reunification, and Conflict with Russia <sup>H</sup>	3
GSLL 260	From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3
GSLL 268	Cultural Trends in Post-Communist Central Europe: Search for Identity, Importance of Jewish Voices	3
GSLL 280	The Dialectic of Whiteness and Blackness in Atlantic Cultures	3
GSLL 285	Dissent and Protest in Central Europe	3
GSLL 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
GSLL 475	Magical Realism: Central European Literature in a Global Context	3
GSLL 480	Interrogating Cultures of Fascism: Introduction to Frankfurt School's Critical Theory 1923-Present	3
HIST 165	 20th Century Britain: from the Great War to Brexit	3
HIST 206	 War, Diplomacy, and Statecraft, 1815-1945	3
HIST 256	 France, 1940 to the Present <sup>H</sup>	3
HIST/EURO/POLI 257	 Politics, Society, and Culture in Postwar Germany	3
HIST/WGST 259	 Towards Emancipation? Women in Modern Europe	3
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era <sup>H</sup>	3
HIST 261	France, 1870-1940	3
HIST/JWST/ PWAD 262	 History of the Holocaust: The Destruction of the European Jews	3
HIST 269	Modern London: Empire, Race, and Culture <sup>H</sup>	3
HIST 302	 Movies Make History: Films as Primary Sources in Europe and America <sup>H</sup>	3
HIST 312	 History of France and Algeria	3
HIST 348	History of Migration	3
HIST 353	Cinema, Culture, and Society	3
HIST 354	War and Gender in Movies <sup>H</sup>	3
HIST 390H	Special Topics in History *	3
HIST 398	 Undergraduate Seminar in History <sup>*,H</sup>	3
HIST 458	Europe and the World Wars, 1914-1945	3
HIST 462	Germany, 1806-1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 466	Modern European Intellectual History <sup>H</sup>	3
HIST 469	European Social History	3

HIST 474	Britain in World Affairs: British Foreign Policy since World War II	3	FREN 388	History of French Cinema I: 1895-1950	3
HIST 476	Religion and Ethnicity	3	FREN 389	History of French Cinema II: 1950 to the Present	3
HIST 477	Revolution in Russia, 1900-1930	3	FREN 515	Social Networks: Technology and Community in Modern France	3
HIST 478	Stalin and After: The USSR, 1929-Present	3	GERM/CMPL/ WGST 271	Women in German Cinema	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3	GERM/CMPL 272	 History of German Cinema	3
HIST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3	GERM 280	 20th-Century German Philosophy and Modern Youth Cultures	3
HIST 486/ PWAD 485	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3	GERM 281	The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI	3
HIST 490	Special Topics in History <sup>*,H</sup>	3	GERM/PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3
HIST 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3	GERM 381	 Berlin: Mapping a (Post) Modern Metropolis	3
ITAL 250	Italian Fascism: Between History, Fiction, and Film	3	GERM 382	Representations of Violence and Terrorism in Contemporary German Literature and Film	3
ITAL 320	 Italian Cities and Cultures: History, Power, and Ecology	3	GERM 390	Topics in German Studies <sup>*</sup>	3
ITAL 343	 Italian Culture Today: Modern Italy as a Nation 1860 to Present	3	GSL 88H	 First-Year Seminar: Gender and Fiction in Central and Eastern Europe	3
ITAL 365	 Italian Food and Culture	3	GSL 255	Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today)	3
ITAL 385	 Italian Landscapes: Italy in the UNESCO World Heritage List	3	GSL 259	 Ideology and Aesthetics: Marxism and Literature	3
PLSH 280	The Modern Cinema of Poland	3	GSL 283	Hungarian Cinema since World War II	3
PLSH 411	19th-Century Polish Literature and Culture	3	HIST 466	Modern European Intellectual History <sup>H</sup>	3
RUSS 270	 Crimes and Punishments: Russian Literature of the 19th Century	3	HIST/ITAL 258	Modern Italy since 1848	3
SPAN 340	Iberian Cultural Topics	3	ITAL 242	Italy and Modernity: Culture in a Changing Country	3
SPAN 371	Studies in Spanish Literature	3	ITAL 331	Italian History and Culture II	3
WGST/AMST 325	 Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3	ITAL 333	 Italian Film and Culture	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

\* Asterisked courses require approval, based on topic.

## Elective Courses on Contemporary Europe

Code	Title	Hours	Code	Title	Hours
ANTH 449	 Anthropology and Marxism	3	JWST/PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3
ARTH 283	 Picturing Paris: 1800-2000	3	MUSC 284	Beethoven and His Era	3
CMPL 374/ WGST 373	 Modern Women Writers	3	MUSC 285	Musical Modernism	3
CMPL 375	 New Wave Cinema: Its Sources and Its Legacies	3	PHIL 224	 Existential Philosophy and the Meaning(lessness) of Life <sup>H</sup>	3
CMPL 385	Modernist and Postmodernist Narrative	3	PHIL 229	20th-Century Western Philosophy	3
CMPL 466	 Modernism	3	PHIL 494	Existentialism and Phenomenology	3
CMPL 468	 Aestheticism	3	POLI 432	Tolerance in Liberal States	3
ECON 434	History of Economic Doctrines	3	POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3
ENGL/PWAD 659	 War in 20th-Century Literature <sup>H</sup>	3	PORT 375	 Portuguese and Brazilian Fiction in Translation	3
FREN 372	 French and Francophone Studies since 1789	3	ROML 500	Research Methods for Romance Languages and European Studies	3
FREN 386	French New Wave Cinema	3			

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

\* Asterisked courses require approval, based on topic.

## Special Opportunities in Contemporary European Studies

Students may be interested in the resources available through UNC's Center for European Studies (CES), a United States Department of Education Title VI National Resource Center and a Jean Monnet Center of Excellence funded by the European Commission. CES offers a range of ongoing programs including guest speakers, film festivals, conferences, and cultural events. CES hosts Europe Week at Carolina each spring, a week of events during which the diversity of Europe's history, politics, culture, and languages is showcased.

The center also houses the TransAtlantic Masters Program (<http://tam.unc.edu>) (TAM), an M.A. degree program that may be of particular interest to students who have completed the major in contemporary European studies. The TAM program includes study at UNC and at one or more partner universities in Europe. The EURO-TAM B.A.-M.A. dual degree option allows students to complete both degrees in accelerated time.

Students interested in pursuing the B.A.-M.A. program or learning more about funding for research and travel, the Model EU program, European Horizons student group, study abroad, internships, publishing in CES' N.C. Journal for European Studies, career planning, and the alumni network are encouraged to speak with the director of undergraduate studies and to visit the website (<https://europe.unc.edu/euro/>) for more information.

## Contact Information

### Curriculum in Contemporary European Studies

Visit Program Website (<http://europe.unc.edu/euro/>)  
FedEx Global Education Center Room 3210, CB# 3449  
(919) 962-6765

### Director

John D. Stephens

### Director (as of July 1, 2023)

Priscilla Layne  
[playne@email.unc.edu](mailto:playne@email.unc.edu)

### Director of Undergraduate Studies, EURO Major Advisor

Katie Shanahan Lindner  
[klindner@email.unc.edu](mailto:klindner@email.unc.edu)

### Student Services Manager

Kayla Bassett  
[kbassett@email.unc.edu](mailto:kbassett@email.unc.edu)

# Department of Exercise and Sport Science

## Introduction

The mission of the Department of Exercise and Sport Science is to discover and promote knowledge of human movement to improve quality of life.

Exercise and sport science examines the anatomy, physics, physiology, and psychology of sport and exercise. The general major provides foundational courses in exercise science that prepares students for many paths. Students interested in sport administration can build a foundation in the management of sport, and explore career options related to amateur, interscholastic, or professional sport operation and business. The fitness professional program is designed to prepare students for careers in a variety of health-related fields, including but not limited to entry-level positions in the health-fitness industry; personal training of amateur, professional, and recreational athletes; exercise therapy for a range of clinical conditions; or graduate study in exercise physiology. Other career options for majors include strength-conditioning coach for an athletic team; exercise research within the athletic, medical, or pharmaceutical industries; or fitness club entrepreneur. By choosing additional courses, students can apply to schools of physical therapy, occupational therapy, athletic training, public health, nursing, or medicine.

## Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. In the Department of Exercise and Sport Science four faculty members serve as advisors with weekly office hours (see "Programs" above and contact information on the website). The department communicates via a listserv, Facebook posts, tweets, blog posts, classroom "advising" visits, bulletin boards/video boards throughout the building, and the departmental website (<http://exss.unc.edu/>). Departmental academic advising is particularly important for those majors who are considering graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<http://exss.unc.edu/>).

## Facilities

In addition to classroom space and physical activity area, Fetzer Hall, Woollen Gym, and Stallings-Evans Sports Medicine Center house several well-equipped research and teaching laboratories:

1. The Applied Physiology Laboratory is fully equipped to measure metabolism, body composition, and aerobic fitness. Additionally, it houses a chemistry laboratory to study the biochemistry of exercise.
2. The Cadaver Anatomy Laboratory is designed to teach cadaver dissection in order to gain a greater knowledge about how the human body works in an athletic environment.
3. The Exercise Science Teaching Laboratory was specifically designed for teaching exercise science laboratory experiences as well as clinical exercise testing experiences.
4. The MOTION Science Institute, comprised of four research laboratories (Motion Analysis Laboratory, Neuromuscular Assessment Laboratory, Gait Biomechanics Laboratory, and Psychology of Sport Injury Laboratory), is fully equipped to evaluate neuromuscular function, biomechanics, and psychological factors associated with musculoskeletal injury prevention.
5. The CPR Laboratory is a teaching laboratory for CPR and first aid skills. The laboratory is equipped with mannequins, AED trainers, and first aid equipment.
6. The Exercise Oncology Laboratory is equipped with the latest technology for the assessment of cardiorespiratory and pulmonary function, body composition, cognitive function, electrocardiogram



monitoring capability, and evaluation of heart rate coherence and heart rate variability in oncology patients.

7. Through its clinical and research initiatives, the Matthew Gfeller Sport-Related Traumatic Brain Injury Research Center demonstrates its commitment to providing the highest level of care for athletes of all ages suffering from sport-related brain injuries, and to assisting parents, coaches, and medical professionals in managing these athletes.
8. The Athletic Training Teaching Laboratory is designed for students to practice evaluation, treatment, and rehabilitation skills. It is equipped with treatment tables, evaluation tools, rehabilitation supplies such as foam rollers, exercises balls, and taping supplies.
9. The Cardiometabolic Laboratory investigates: the interactions between lifestyle behaviors and cardiometabolic health with a particular interest in sedentary behavior and young adults, the development and interpretation of methodologies for assessing cardiometabolic health, and the translation of basic and applied science in regards to public health outcomes.

## Graduate School and Career Opportunities

Many undergraduate exercise and sport science majors are preparing for graduate work in related areas: exercise physiology, physical therapy, sports medicine, nutrition, athletic training, sports administration/management, etc. They will be well-prepared for master's and doctoral programs, and graduate assistantships in these areas at UNC–Chapel Hill and other large universities. Numerous career opportunities exist in a variety of fields directly related to sport and exercise. Some graduates go directly into health/fitness/sport-related employment. Others attend professional schools or pursue advanced academic degrees.

### Majors

- Exercise and Sport Science Major, B.A.–General (p. 529)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 528)
- Exercise and Sport Science Major, B.A.–Sport Administration (p. 531)

### Minors

- Coaching Education Minor (p. 533)
- Exercise and Sport Science Minor (p. 533)
- Sports Medicine Minor (p. 534)

### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

## Professors

Claudio L. Battaglini, J. Troy Blackburn, Kevin M. Guskiewicz, Anthony C. Hackney, Jason P. Mihalik, Barbara Osborne, Darin A. Padua, Brian G. Pietrosimone, William E. Prentice, Eric D. Ryan, Abbie E. Smith-Ryan, Erienne A. Weight.

## Associate Professors

Erik D. Hanson, Jonathan A. Jensen, Zachary Y. Kerr, Kristen L. Kucera, Micheal D. Lewek, Nels K. Popp, Johna Register-Mihalik, Lee Stoner, Erik A. Wikstrom.

## Assistant Professors

Shelby E. Baez, Malia Blue, Jimikaye B. Courtney, Adam C. Kiefer.

## Teaching Professor

Meredith A. Petschauer.

## Teaching Associate Professor

Alain J. Aguilar, Jonathan D. DeFreese.

## Teaching Assistant Professors

Rebecca L. Battaglini, Benjamin M. Goerger, Wayne McDonnell Jr., Aliza K. Nedimyer, Kristin S. Ondrak, Anthony F. Patterson, Leon R. Schimmelfing, Danielle M. Smith.

## Research Associate Professor

Wesley R. Cole.

## Research Assistant Professor

Gena R. Gerstner.

## Lecturers

Bradley Bates, John Brunner, Richard T. Kagan, Greg Moore, James Strong, Nina Walker, Sunny Yu.

## Postdoctoral Research Associates

Thomas Birchmeier, Madison Chandler, Simon Higgins, Cortney Lago, Caroline Lisee, Craig Paterson, Aaron Sinnott.

## Professor of the Practice

Richard A. Baddour.

## Professors Emeriti

M. Deborah Bialeschki, John E. Billing, Bonita L. Marks, Robert G. McMurray, Frederick O. Mueller, John M. Silva.

## Teaching Professor Emeriti

Sherry Salyer.

## Adjunct Professors

David J. Berkoff, Deborah L. Givens, Micheal T. Gross, Stephen W. Marshall, Karen L. McCulloch, Todd Schwartz.

## Adjunct Associate Professors

Kevin Carneiro, Vicki S. Mercer.

## Adjunct Assistant Professors

Avinash Chandran, Shawn Kane, James Lynch, Michael Mazzoleni.

## Courses

### EXSS—Exercise and Sport Science

#### Undergraduate-level Courses

##### EXSS 10. Beginning Ballet. 1 Credits.

The technique and vocabulary of classical ballet are presented. Exercises at the barre are followed by practice and combinations in the center. Previously offered as PHYA 208.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 11. Introduction to Dance Technique. 1 Credits.

This course is an introduction to the positions, exercises, and steps common to ballet, jazz, and modern dance. It is designed for students with no previous dance experience and is a prerequisite for EXSS 10, 12, and 13. Previously offered as PHYA 212.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 12. Beginning Modern Dance. 1 Credits.

Students will explore the principles of movement that define modern dance, gaining some understanding of the use of weight, the shape of the body in space, an awareness of timing and energy, and individual creative potential. Previously offered as PHYA 224.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 13. Beginning Jazz Dance. 1 Credits.

Students will explore the roots of the jazz style through rhythm, principles of isolation and opposition, shape and energy through center work, stretches, movement across the floor, and simple routines. Previous ballet training is highly recommended. Previously offered as PHYA 220.

##### Rules & Requirements

**Requisites:** Prerequisite, EXSS 11.

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 14. Beginning Social Dance. 1 Credits.

The basic step patterns of popular social dances, such as fox trot, waltz, cha-cha, swing or shag, hustle, tango, and others are taught. Confidence in the ability to lead or to follow is developed. Social enjoyment of dance is emphasized. Previously offered as PHYA 231.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 20. Intermediate Ballet. 1 Credits.

For the dancer with a solid understanding of the basics of ballet and several years' dance training. It emphasizes more sophisticated steps in longer combinations. Previously offered as PHYA 308.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 21. Intermediate Jazz Dance. 1 Credits.

Students will explore the jazz style in greater complexity plus gain understanding of jazz music as it relates to jazz dance. It includes center work, complex movement phrases across floor, adagio, and routines using large movement vocabulary. At least two years of dance and familiarity with jazz style are recommended. Previously offered as PHYA 320.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 22. Intermediate Modern Dance. 1 Credits.

Students will work to develop greater technical skill and continue a more advanced exploration of modern dance principles of effort-shape through center work and phrases of greater length and complexity in the center and across the floor. At least two years of modern dance training are recommended. Previously offered as PHYA 324.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 30. Advanced Ballet. 1 Credits.

For the dancer with substantial background in ballet. Speed, endurance, multiple turns, beats, and complicated combinations are emphasized. Previously offered as PHYA 408.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 32. Advanced Modern Dance. 1 Credits.

This course is designed for the dancer with a solid understanding of the principles underlying modern dance and several years of dance training. It focuses on longer and more complicated phases of movements. Previously offered as PHYA 424.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

##### EXSS 50. First-Year Seminar: Discrimination and Sport. 3 Credits.


This course will examine the American ethos by looking at those who have been discriminated against in sport because of race, gender, sexual orientation, or disability.

##### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

 **EXSS 51. First-Year Seminar: Entrepreneurship in Human Performance and Sport. 3 Credits.**


This course will provide students an introduction to the practical entrepreneurial business tools for starting a new business (or for use in an existing organization) in the human performance and/or sport industry.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

 **EXSS 55. First-Year Seminar: Sport Engineering and Human Performance. 3 Credits.**

This first year seminar is designed to discuss the limits of human performance and equipment that is engineered to enhance performance. How fast is it possible to run or swim? Will Olympic records continue to be broken? When do we reach our full athletic potential? This course is designed to challenge your thinking about performance using the science that governs biomechanics and human physiology as well as exploring the data that drives equipment development.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **EXSS 89. First-Year Seminar: Special Topics. 3 Credits.**

Course content will vary each semester.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**EXSS 141. Personal Health. 3 Credits.**

Elective, open to all students. This course examines basic wellness concepts in the areas of physical fitness, nutrition, disease prevention, mental health, drug abuse, and human sexuality. Emphasis is on the individual's responsibility for his/her own health.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 155. Human Anatomy and Physiology I. 3 Credits.**

This course is targeted to students enrolled in Department of Exercise and Sport Science majors as well as other students with interest in medical professions. This course involves a systematic approach to human anatomy and physiology with an emphasis on the musculoskeletal, articular and nervous systems as well as anatomical terminology and homeostasis. No prerequisites are required.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **EXSS 175. Human Anatomy. 3 Credits.**

The study of the structure of the human body with special emphasis on the musculoskeletal, articular, and nervous systems. Prosected cadaver materials are utilized to study the skeletal muscles and body viscera.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections).

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**EXSS 180. Physical Activity in Contemporary Society. 3 Credits.**

An examination of the role of physical activity/inactivity on the health and well-being of American society.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 181. Sport and Exercise Psychology. 3 Credits.**

This course exposes students to psychological aspects contributing to sport/physical activity participation and psychological outcomes of participation. It explores psychological theories and research and their application to the affective, behavioral, and cognitive outcomes of sport/physical activity participants when considering key environmental factors.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 191. Theory and Practice of Modern Dance Technique - Elementary-Level Elective. 3 Credits.**

An introduction to modern dance technique, history, and philosophy focusing on the physical principles of movement and their choreographic application. Students will participate in a combination of lectures and studio time.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**EXSS 205. Analysis of Sport Skills I. 3 Credits.**

A professional preparation course in the skills, knowledge, safety, and teaching progressions of basketball, track and field, and softball/baseball.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 206. Analysis of Sport Skills II. 3 Credits.**

A professional preparation course in the skills, knowledge, safety, and teaching progressions of soccer, tennis, and volleyball.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 207. Coaching Principles. 3 Credits.**

A professional preparation course for teaching and coaching. Includes basic instruction in coaching education and principles, pedagogy for coaching, conditioning for athletes, and team building.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**EXSS 208. Health and Physical Education in the Elementary School. 3 Credits.**

This course deals with methods and materials of health and physical education in school levels kindergarten through sixth grade. Required of elementary education majors. Does not count toward physical education major.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 211. Adapted Physical Education. 3 Credits.**

A study of problems related to body mechanics and the needs of the physically handicapped student.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 220. Fitness Management. 3 Credits.**

Students develop a working knowledge of theories, principles, and operating procedures involved in managing programs, staff, and facilities in the health/fitness industry, including management, marketing, operations, legal aspects.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 221. Introduction to Sport Administration. 3 Credits.**

In this course, students are introduced to the policies and problems of organizing and administering sport in public and private settings.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 223. International Sport Management. 3 Credits.**

Because sport cuts across all international boundaries, students must understand the global implications of the sport industry. This course introduces students to the organization, governance, business activities, and intercultural issues in international sport.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 256. Human Anatomy and Physiology II. 3 Credits.**

This course is targeted to students enrolled in Department of Exercise and Sport Science majors as well as other students with interest in medical professions. This course involves a systematic approach to human anatomy and physiology with an emphasis on the metabolic, endocrine, digestive, cardiovascular, respiratory, renal, integumentary and immune systems.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 155.

**Grading Status:** Letter grade.

**EXSS 260. Women and Sport. 3 Credits.**

A broad based perspective of women's participation in sport including history of participation, physiological differences, and socio-cultural influences including work, politics, family, economics, and gender roles and identity.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** WGST 260.

**EXSS 265. Fundamentals of Sports Medicine. 3 Credits.**

This course is designed to introduce the undergraduate student to the sports medicine profession and to provide the basic knowledge and skills necessary to recognize, evaluate, and treat injuries to the head and face, cervical spine, thoracic region, abdominal/urogenital region, and extremities.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 175.

**Grading Status:** Letter grade.

**EXSS 273. Research in Exercise and Sport Science. 3 Credits.**

An introduction to research in the fields of physical education, exercise, and sport science with emphasis on understanding and application of research findings.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**EXSS 275L. Human Anatomy Laboratory. 1 Credits.**

Required preparation, a grade of B or better in EXSS 175. EXSS 275L is a basic human anatomy laboratory course designed to accompany EXSS 175. For students endeavoring to major in the allied health professions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 276. Human Physiology. 3 Credits.**

Instructor may approve equivalents for prerequisite. A lecture course in elementary physiology, covering the various systems of the body.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, EXSS 175.

**Grading Status:** Letter grade.

**EXSS 288. Emergency Care of Athletic Injuries and Illnesses. 3 Credits.**

Recommended preparation, EXSS 175. Theory and practice of basic first aid, cardiopulmonary resuscitation, and the acute care of athletic injuries.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 290. Special Topics in EXSS. 3 Credits.**

Variable topics course in Exercise and Sports Science. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**EXSS 291. Theory and Practice of Modern Dance Technique - Intermediate-Level Elective. 3 Credits.**

An intensive study of modern dance technique and philosophy, focusing on the physical principles of movement and their choreographic application. One hour seminar and four and one-half hours laboratory.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 191; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**EXSS 322. Fundamentals of Sport Marketing. 3 Credits.**

This course is designed to introduce students to marketing within the sports industry, including the unique aspects of the sport product and sport consumer markets.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 221.

**Grading Status:** Letter grade.

**EXSS 323. Sport Facility and Event Management. 3 Credits.**

This course is designed to develop practical competencies necessary for effectively managing sport facilities and events while providing students with experiential learning opportunities inside and outside the classroom.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 221.

**Grading Status:** Letter grade.

**EXSS 324. Finance and Economics of Sport. 3 Credits.**

This course provides an understanding of the financial and economic growth of sport, economic theory applied to the sport industry, and the basic principles and methods of sound fiscal control.

**Rules & Requirements**

**Requisites:** Prerequisites, ECON 101, and EXSS 221.

**Grading Status:** Letter grade.

**EXSS 325. The Role of Intercollegiate Athletics in Higher Education. 3 Credits.**

This course is designed to help students interested in working in college sports understand what that role has been and might be in the future, with an emphasis on maximizing the educational value of intercollegiate athletic participation and the integration of athletics with academic and student life dimensions on college campuses.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 326. Legal Aspects of Sport. 3 Credits.**

This course provides a foundation in general legal concepts and familiarizes students with the legal areas they are most likely to encounter as managers in the sports and fitness industry.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 221.

**Grading Status:** Letter grade.

 **EXSS 327. Predictive Analytics in Sport. 3 Credits.**

This course is designed to provide students with an introduction to predictive analytics utilizing regression-based modeling approaches. As a CURE course, students will learn the iterative process of model building through trial and error and by working with other students on hands-on problems. At the conclusion of this course, students will be able to analyze sport-related data using predictive analytics, whether the dependent variable is continuous or binary in nature.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, STOR 151 or 155 with a grade of B or better.

**Grading Status:** Letter grade.

**EXSS 328. Sport Business Venture. 3 Credits.**

This course will provide students an introduction to practical entrepreneurial business tools for starting a new business (or for use in an existing organization) in the sport industry.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EXSS 360. Sports Nutrition. 3 Credits.**

The role of nutrition in maximizing physical performance, promoting health, and controlling body weight. Includes individual nutritional assessments.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 276 or NUTR 240.

**Grading Status:** Letter grade.

**EXSS 366. Foundations of Sports Medicine Rehabilitation. 3 Credits.**

This course is designed to introduce undergraduate students to the basic principles and skills used to rehabilitate sport related injuries with an emphasis on musculoskeletal injuries.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 265.

**Grading Status:** Letter grade.

**EXSS 367. Therapeutic Modalities. 3 Credits.**

This is an advanced athletic training course, designed to provide the athletic training student with knowledge and skills necessary for treating injuries.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175, 265, 288, and 366.

**Grading Status:** Letter grade.

**EXSS 368. Therapeutic Exercise and Rehabilitation. 3 Credits.**

This is an advanced athletic training course, designed to provide the athletic training student with knowledge and skills necessary for rehabilitating injuries.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175, 265, 288, 366, and 367.

**Grading Status:** Letter grade.

**EXSS 369. Athletic Training Seminar. 3 Credits.**

A presentation of the historical and current perspectives on athletic training, including techniques for organizing and administering athletic training programs.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175 and 288.

**Grading Status:** Letter grade.

**EXSS 370. General Medicine in Athletic Training. 3 Credits.**

Advanced course focusing on understanding instrumentation used in assessing internal injury related to sport. Pharmacology, drug testing, psychosocial interventions, and selected emergency procedures pertaining to athletic injury are also presented.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175, 265, 276, and 288.

**Grading Status:** Letter grade.

 **EXSS 373. Sport Injury Epidemiology. 3 Credits.**

This course will introduce the student to the public health importance and epidemiology of injuries and other medical conditions in sport and physical activity.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Grading Status:** Letter grade.

**EXSS 376. Physiological Basis of Human Performance. 4 Credits.**

Instructor may approve equivalents for EXSS prerequisites. Students must take laboratory section along with class. The application of physiological principles to sport and physical activity. Both immediate and chronic adaptations to exercise are studied. Two lecture and two laboratory hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175 and 276.

**Grading Status:** Letter grade.

**EXSS 380. Neuromuscular Control and Learning. 3 Credits.**

Instructor may approve equivalents for prerequisite. Provides introduction to neuromuscular factors controlling movement and acquisition of motor skills. Promotes application of neuromuscular control and motor learning principles to teaching of motor skills with application to rehabilitation and fields such as athletic training, physical therapy, and coaching.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 175.

**Grading Status:** Letter grade.

**EXSS 385. Biomechanics of Sport. 3 Credits.**

Instructor may approve equivalents for EXSS prerequisite. The study and analysis of human movement including fundamental aspects of the musculoskeletal and articular systems. Principles of biomechanics, including application to neuromuscular fitness activities, aerodynamics in sport, hydrodynamics, rotary motion, throw-like and push-like patterns, and analysis of projectiles.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 175.

**Grading Status:** Letter grade.

 **EXSS 393. Sports Medicine Clinical. 1-3 Credits.**

This field experience offers implementation of theories and practices of athletic training and sports medicine under the supervision of a certified athletic trainer.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, EXSS 175 and 265 or 288.

**Repeat Rules:** May be repeated for credit. 5 total credits. 5 total completions.

**Grading Status:** Letter grade.

 **EXSS 395. Undergraduate Research Course. 1-3 Credits.**

Permission of the instructor. Majors preferred. Laboratory/research study addressing exercise and sport science questions. Requires final written report. Repeatable for six total credits.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**EXSS 396. Independent Studies in Exercise and Sport Science Elective. 1-3 Credits.**

Required preparation, any two relevant courses. Permission of the instructor. Individually designed in-depth study in an area of interest within exercise and sport science. Available to both majors and nonmajors under the supervision of selected EXSS faculty members.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**EXSS 397. Critical Analysis of Literature in Sport and Exercise Psychology. 1 Credits.**

This course will expose students to research in sport and exercise psychology using the C.R.E.A.T.E. (Consider, Read, Elucidate the hypotheses, Analyze and interpret the data, and Think of the next Experiment) framework. Students will follow the historical publications of one sport and exercise psychology research group to better understand the research process. Each research paper will be digested/critiqued in phases. Student will also formulate their own novel research questions and present them to the class.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 181.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****EXSS 408. Theory and Application of Strength Training and Conditioning for Fitness Professionals. 3 Credits.**

Instructor may approve equivalents for prerequisites. This is an intermediate- to upper-level course designed to provide students with theoretical and practical knowledge of the physiological, biomechanical, functional, and administrative aspects of designing and supervising conditioning programs for various populations.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175 and 276.

**Grading Status:** Letter grade.

**EXSS 409. Exercise Prescription for Special Populations. 3 Credits.**

Exercise benefits everybody. This course will teach evidence-based information for developing, modifying and implementing fitness programs for individuals with chronic disease, metabolic, cardiac, pulmonary, and other issues deemed as special populations. The knowledge and skills attained in this course will enhance any basic personal training certification and give a better understanding of working with what could be considered the general public.

**Rules & Requirements**

**Requisites:** Prerequisite, EXSS 175, 276, and 376.

**Grading Status:** Letter grade.

**EXSS 410. Exercise Testing and Prescription. 4 Credits.**

Students must take laboratory section along with class. This is an upper division undergraduate course designed to provide the theoretical and practical knowledge in basic exercise testing and prescription for both healthy and select special populations.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175, 276 and 376.

**Grading Status:** Letter grade.

**EXSS 420. Program Planning in Recreation Services. 3 Credits.**

This experiential course covers the concepts and skills used in program planning. Students apply their program planning skills to real-life situations and implement a recreation program for a community agency. Previously offered as RECR 420.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**EXSS 424. Sport Sales and Revenue Production Seminar. 3 Credits.**

This course will analyze and produce skills essential to the revenue production and sales process commonly found in the sport business. In this class students will develop an understanding and appreciation for the sales and revenue-production process related to a sport franchise and/or organization.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 221 and EXSS 322.

**Grading Status:** Letter grade.

**EXSS 430. Introduction to Leadership and Group Dynamics. 3 Credits.**

An analysis of the techniques, methods, and motives of group and community leaders. Special attention is focused upon the roles of organizational structure, personnel policies, and in-service training programs. Previously offered as RECR 430.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, EXSS 221.

**Grading Status:** Letter grade.

**EXSS 433L. Exercise Technique. 1 Credits.**

This course is designed to teach students how to lead and coach a group of individuals toward movement proficiency in common athletic-based exercises.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175 and EXSS 276.

**Grading Status:** Letter grade.

**EXSS 450. Essentials of Corrective Exercise Training. 3 Credits.**

This course provides students with knowledge and experience in designing corrective exercise programs. Students will learn to assess posture, movement quality, range of motion, and strength. Students will also learn to correct abnormalities exercises for various body parts. Knowledge will be gained via lecture and laboratory activities. Previously offered as EXSS 350.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175 and 276.

**Grading Status:** Letter grade.

**EXSS 475. Functional Anatomy. 3 Credits.**

This course provides an in-depth exploration of joint mechanics. It exposes students to motions of the cervical, thoracic, and lumbar spine as well as the extremities, and relates these concepts to movement of the body during specific activities.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175, 276, and 385.

**Grading Status:** Letter grade.

**EXSS 478. Sports Performance Training. 3 Credits.**

An upper-level course designed to provide students who have a fitness background with the theoretical and practical knowledge related to the Performance Enhancement Specialization for athletes of all ages.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175 and 276.

**Grading Status:** Letter grade.

**EXSS 479. Performance Enhancement Specialization for Health Professionals. 1 Credits.**

An upper-level course designed to provide students who have a health profession background with the theoretical and practical knowledge related to the Performance Enhancement Specialization for athletes.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175, 276, 366, and 368.

**Grading Status:** Letter grade.

**EXSS 493. Field Experience in Sport Administration. 3 Credits.**

This field experience offers implementation of theory and the practical application of sport administration in a sport organization worksite, under the direct supervision of a business professional.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisites, EXSS 221 and at least two of the following: EXSS 322, 323, 324, 326; permission of the instructor required for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**EXSS 576. Exercise Endocrinology. 3 Credits.**

Advanced course examining the responses of the endocrine system to exercise and the adaptations that occur with exercise training. Provides the fundamentals necessary for exercise science and allied health science students to understand the integral role that the endocrine system plays in exercise.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175, 276, and 376.

**Grading Status:** Letter grade.


**EXSS 580. Neuromechanics of Human Movement. 3 Credits.**

This course explores interactions between the nervous and musculoskeletal systems via integration of concepts from neuroanatomy, neurophysiology, anatomy, neuromuscular control, and biomechanics. Topics include muscle mechanics, sensorimotor function, joint stability, movement disorders, neurocognition, and neuroplasticity following injury and disease. Course meetings involve both lecture and laboratory content.

**Rules & Requirements**

**Requisites:** Prerequisites, EXSS 175, 380, and 385.

**Grading Status:** Letter grade.

 **EXSS 593. Practicum in Physical Fitness and Wellness. 1-9 Credits.**  
Recommended preparation, EXSS 360 - site dependent. Current CPR certification and student liability insurance is required. Introductory practical experience to enable student to apply knowledge and skills in a worksite under direct supervision of certified professionals.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisites, EXSS 220, 408, and 410; and one of EXSS 380 or 385.

**Repeat Rules:** May be repeated for credit. 9 total credits. 9 total completions.

**Grading Status:** Letter grade.

 **EXSS 693H. Senior Honors Thesis. 3 Credits.**

Required preparation, a cumulative grade point average meeting the University standard and permission of the department. Directed independent research under the supervision of a faculty advisor who teaches in the exercise and sport science curriculum.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, EXSS 273.

**Grading Status:** Letter grade.

 **EXSS 694H. Senior Honors Thesis. 3 Credits.**

Required preparation, a cumulative grade point average meeting the University standard and permission of the department. Preparation of an honors thesis and an oral examination on the thesis.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, EXSS 273.

**Grading Status:** Letter grade.

## LFIT–Lifetime Fitness

*One lifetime fitness course is a graduation requirement for all students at UNC–Chapel Hill (post-2006 curriculum). Students are encouraged to complete the lifetime fitness requirement during their first year of study. Effective in fall 2011, a student may enroll in only one LFIT course and may count only one, one-credit LFIT course toward graduation at Carolina. These courses combine practice in a sport or physical activity with general instruction in lifelong health.*

### Undergraduate-level Courses

 **LFIT 102. Lifetime Fitness: Adapted Physical Activity. 1 Credits.**

Assignments to this class are made for students with special needs in physical activities focusing primarily on acute and chronic physical limitations. Activities are assigned commensurate with interests and abilities. Students can enroll in only one LFIT course during their career at Carolina.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

 **LFIT 103. Lifetime Fitness: Aerobics. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes various forms of aerobics. Students can enroll in only one LFIT course during their career at Carolina.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

 **LFIT 104. Lifetime Fitness: Exercise and Conditioning. 1 Credits.**


This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. Activities will promote cardiovascular endurance, muscular strength and endurance, and flexibility. Students can enroll in only one LFIT course during their career at Carolina.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

 **LFIT 105. Lifetime Fitness: Indoor Sports. 1 Credits.**


This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. Activity portion of the course includes basketball, volleyball, and indoor soccer. Students can enroll in only one LFIT course during their career at Carolina.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

 **LFIT 106. Lifetime Fitness: Beginning Jogging. 1 Credits.**

This course is an introduction fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course promotes cardiovascular fitness through jogging. Students can enroll in only one LFIT course during their career at Carolina.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

 **LFIT 107. Lifetime Fitness: Intermediate Jogging. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. Activity portion for students who can complete 30 minutes of jogging. Students can enroll in only one LFIT course during their career at Carolina.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.



**LFIT 108. Lifetime Fitness: Outdoor Sports. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. Activity portion of course includes ultimate frisbee, flag football, and soccer. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 109. Lifetime Fitness: Racquet Sports. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes badminton, tennis, and racquetball. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 110. Lifetime Fitness: Beginning Swimming. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes swimming skills for beginners. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 111. Lifetime Fitness: Swim Conditioning. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course promotes cardiovascular fitness through swimming. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 112. Lifetime Fitness: Walking. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course promotes cardiovascular fitness through walking. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 113. Lifetime Fitness: Weight Training. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion includes basic techniques of weight training. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 114. Lifetime Fitness: Yoga and Pilates. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion includes basic instruction in both yoga and pilates. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 115. Lifetime Fitness: Cycle Fitness. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion includes basic instruction in cycle fitness. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 118. Lifetime Fitness: Flag Football. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in flag football. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 129. Lifetime Fitness: Downhill Skiing and Snowboarding. 1 Credits.**

An introduction to fitness and wellness that includes developing personal fitness programs and instruction in physical activity. The activity portion includes basic conditioning and instruction in both downhill skiing and snowboarding, including five days in Boone, NC. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 130. Lifetime Fitness: Soccer. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion will provide soccer instruction and game play. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 138. Lifetime Fitness: Tennis. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in tennis. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 140. Lifetime Fitness: Ultimate Frisbee. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in ultimate frisbee. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 145. Lifetime Fitness: Brazilian Jiu Jitsu. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in Brazilian jiu jitsu. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 146. Lifetime Fitness: Sand Volleyball. 1 Credits.**

This course is an introduction to fitness and wellness, and includes developing personal fitness programs and instruction in physical activity. The activity portion of the course includes basic instruction in sand volleyball. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**LFIT 190. Special Topics in Lifetime Fitness. 1 Credits.**

This course is designed to cover the study and practice of special topics directed by an authority in the field. Subject matter will vary per instructor and topic. Students can enroll in only one LFIT course during their career at Carolina.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** LIFE-FIT.

**Making Connections Gen Ed:** LF.

**Grading Status:** Pass/Fail.

**PHYA—Physical Activity****Undergraduate-level Courses****PHYA 201. Adapted Physical Activity. 1 Credits.**

Assignments to this class are made for students with special needs in physical education focusing primarily on acute and chronic physical limitations. Activities are assigned commensurate with interests and abilities. Students are required to present an exercise prescription from a physician including prescribed activities and limitations.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 202. Beginning Aerobics. 1 Credits.**

Provides a cardiovascular fitness program incorporating physiologically safe dance and exercise movements to music. It develops strength, flexibility, and improved cardiorespiratory efficiency.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 203. Aerobic Circuit Training. 1 Credits.**

Challenges students to achieve higher levels of overall fitness in a cardiovascular program that combines stations of muscular strength with endurance while incorporating a wide variety of equipment. Students are expected to be able to participate in a minimum of 20 minutes of aerobic exercise.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 205. Archery. 1 Credits.**

Designed to teach the beginning student proper techniques of target shooting with a bow and arrow, this course deals with history, terminology, safety, and equipment selection. Shooting techniques included are the stance, nocking, drawing, anchoring, aiming, releasing, and following through. The use of the bowsight and target scoring are presented.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 206. Badminton. 1 Credits.**

The course includes an orientation to the history and rules of the game, terminology, and equipment. Basic skills and techniques include the proper grip, stance, footwork, forehand and backhand clears, long and short serves, net shots, around-the-head shot, and the smash. Presents basic single and double game strategies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 209. Beginning Basic Training. 1 Credits.**

Beginning physical fitness program based on the model used by the United States Army Physical Fitness Academy and designed to improve aerobic and anaerobic strength, endurance, and overall physical fitness.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 210. Beginning Bowling. 1 Credits.**

Presents terminology of the game, various grips and stances, the delivery approach, release, and follow through. Pick up spare leaves, releasing straight, hook, and back-up balls, reading the lanes, and handicapping are also included. Rules and scoring as well as tournament bowling are learned.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 211. Cycling. 1 Credits.**

The purpose of this course is to introduce students to the history and skill of cycling. The course will focus on maintenance of the bicycle, fitness acquired through the use of cycling, and the skills of climbing, descending, cornering, and balance.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 213. Exercise and Conditioning. 1 Credits.**

Covers activities that promote cardiovascular endurance, muscular strength and endurance, and flexibility. The course content includes fitness evaluation, stretching, weight training, aerobic exercise, jogging, and circuit training. Individual exercise programs are developed.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 214. Beginning Fencing. 1 Credits.**

Introduces students to the history, rules, and terminology of the sport of fencing. It traces the development of ancient and modern weapons; presents warm-up, stretching, and conditioning exercises that are specific to the sport; and covers grip, basic positions, and footwork. Individual and team competitions are conducted in the course.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 216. Beginning Golf. 1 Credits.**

Stresses swing motion and the basic fundamentals. Techniques of the full swing and the short game are presented. Rules and etiquette are covered. Students who shoot 115 or less for 18 holes are not eligible for this beginner course.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 217. Beginning Tumbling and Gymnastics. 1 Credits.**

Through proper progression, students are exposed to compulsory routines on several pieces of gymnastic apparatus—including the balance beam, parallel bars, pommel horse, rings, horizontal bar—and strength, flexibility, and gross motor coordination. Emphasis is placed on safe spotting techniques and safety awareness.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 219. Beginning Horseback Riding. 1 Credits.**

Introduces students to tacking, grooming, and riding the basic gaits of walk, trot and canter. An additional fee is required; this course is taught off campus.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 221. Beginning Jogging. 1 Credits.**

The purpose of this course is to provide students with the opportunity to develop cardiovascular fitness through a popular activity. Selection of proper clothing and equipment, the physiological effects of a jogging program, care and prevention of common injuries, and the mechanics of jogging are presented.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 222. Karate. 1 Credits.**

This course offers an introduction to the basics of one of many martial art styles. Emphasis is on traditional forms, basic movements, philosophy, discipline, and proper class conduct. Students will learn various stances and forms.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 223. Lifeguard Training. 1 Credits.**

This course will teach the skills needed to help prevent and respond to aquatic emergencies. This includes land and water skills, first aid and CPR/AED.

**Rules & Requirements**

**Requisites:** Prerequisites, continuous 300 yard swim, two minutes of treading with no arms, and retrieving a 10 pound brick from 10 feet and swimming 20 yards.

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 225. Beginning Racquetball. 1 Credits.**

The course introduces the beginner to basic skills, including forehand and backhand drives, grips, footwork, and serves. Safety considerations as well as rules and terminology are covered. Basic strategy is presented involving the return of service, use of ceiling, rear wall, pass, and kill shots.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 227. Scuba. 1 Credits.**

Required preparation, some swimming skills. This course prepares students for participation in recreational diving: both skin diving and scuba. Lectures cover physiology of diving, first aid, and decompression. It can lead to certification if students attend open water training dives conducted at the semester's end. An additional fee is required.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 228. Self-Defense. 1 Credits.**

This course introduces the basics of self-defense techniques and will instruct the student by incorporating a three-dimensional educational approach. The student will develop skill, knowledge and self-confidence as related to self-defense.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 229. Downhill Skiing. 1 Credits.**

This course is conducted in Boone, North Carolina, for five days over the winter break. It includes orientation to proper equipment selection, the use of lifts and tows, and the basic fundamentals, such as parallel turns, edging concepts, and rhythm. An additional fee is required.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 230. Beginning Soccer. 1 Credits.**

Basic soccer skills are presented including dribbling, shooting, passing, heading, trapping, and tackling. Position play and strategies for basic offense and defense are learned as well as rules and terminology. Conditioning is achieved through drills and game play.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 233. Beginning Squash. 1 Credits.**

Basic shots are learned including forehand and backhand drives, corners, reverse corners, volleys, drop shots, and serves. Rules, terminology, and basic strategies are presented. Appreciation of squash as a game for fitness and fun is developed.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 235. Beginning-Level Swimming. 1 Credits.**

The course consists of swimming skills for students with limited water experience. These skills include water adjustment, floating, kicking, front crawl stroke, rhythmic breathing, and elementary backstroke. Emphasis is on efficient movement through the water. Foundation skills taught enable students to enjoy swimming and other aquatic activities as a lifetime sport. Basic water safety and first aid procedures are included.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 236. Swim Conditioning. 1 Credits.**

This course is designed to promote cardiovascular fitness through swimming. Conditioning and the refinement of stroke techniques will be stressed through stroke practice and workout routines. Topics will include stroke mechanisms of the four competitive strokes, starts, turns, interval, sprint, and long distance training.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 238. Tennis. 1 Credits.**

Basic skills are learned including forehand and backhand groundstrokes, the volley, and the serve. Rules, terminology, and basic game strategy will be taught. Through play, an increased level of fitness and skill will be gained to promote participation in tennis throughout life.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 239. Triathlon Training. 1 Credits.**

The purpose of this course is to introduce students to the sport of triathlons integrating the discipline of running, cycling, and swimming. The course is physically challenging and provides information on transitions and maintenance of equipment, as well as setting up a training program.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 240. Ultimate Frisbee. 1 Credits.**

Teaches the knowledge, skills, and rules of ultimate frisbee in order to develop a lasting interest in lifetime participation and to increase the student's level of physical fitness

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 241. Beginning Volleyball. 1 Credits.**

Basic skills are taught including the forearm pass, the overhead pass, setting, spiking, blocking, dinking, and serving. Rules and terminology are included. Basic offensive and defensive strategy is learned.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 242. Water Safety Instructor. 1 Credits.**

This course will train students to teach American Red Cross progressive swimming and water safety courses. Course content includes analysis of stroke mechanics, review of water safety skills, and investigation of teaching methodology. Students need to be proficient in front crawl, back crawl, elementary backstroke, breaststroke, and sidestroke.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 243. Beginning Weight Training. 1 Credits.**

Basic techniques and knowledge of variable resistance and free weight systems are taught. Fitness evaluation and individual workout programs are included. Development of muscular strength and endurance is stressed. Physiological principles of fitness and their relationships to weight training are also emphasized.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 245. Brazilian Jiu Jitsu. 1 Credits.**

This course will combine instruction in, and practice of, a sport or physical activity that can be sustained in later life, together with instruction in lifelong health.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 246. Sand Volleyball. 1 Credits.**

Students will gain skills necessary to develop a lasting interest in sand volleyball and to increase the student's level of physical fitness. Students will also learn the rules of the sport and how it differs from indoor volleyball.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 290. Special Topics. 1 Credits.**

This course is designed to cover the study and practice of special topics directed by an authority in the field. Subject matter will vary per instructor and topic.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 302. Intermediate Aerobics. 1 Credits.**

Challenges students to achieve higher levels of cardiovascular, flexibility, and strength fitness through dance and exercise movements to music. Students are expected to be able to participate in a minimum of 20 minutes of aerobic activities.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 310. Intermediate Bowling. 1 Credits.**

Focuses on refinement of the experienced student's delivery mechanics including the approach, release, and follow through. Maximum quality practice time is emphasized. Alternative approaches and releases are presented and several types of tournaments are conducted.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 314. Intermediate Fencing. 1 Credits.**

A review of the footwork and bladework covered in the beginning. Emphasis in this course is on individual and paired exercises rather than on large group lessons. An introduction to officiating is also covered in conjunction with greater competitive opportunities.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 316. Intermediate Golf. 1 Credits.**

Builds on and refines the basic fundamentals of the swing motion. Ball flight control is introduced with more in-depth swing analysis. Students who shoot 85 to 115 for 18 holes are eligible for this course.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 317. Intermediate Tumbling and Gymnastics. 1 Credits.**

The purpose of this course is to provide students with the opportunity to learn more difficult gymnastics skills and to incorporate them in a fluid routine. Added emphasis is placed on muscular strength and flexibility. Safe spotting techniques, particularly for more advanced skills, are stressed throughout the course.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 319. Intermediate Horseback Riding. 1 Credits.**

Students are introduced to jumping; emphasis is placed on learning more balance and control in the three basic gaits. Dressage is introduced. An additional fee is required; this course is taught off campus.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 321. Intermediate Jogging. 1 Credits.**

Introduces students to the cardiovascular and overall fitness benefits of running. Students will learn how running can be a lifetime activity when approached sensibly and effectively. Students are expected to be able to run three miles in under 30 minutes prior to registering for this course.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 325. Intermediate Racquetball. 1 Credits.**

Students will review beginning skills. Aspects of competition will be covered, including match preparation, officiating a match, and tournament play. Specific practice will involve shot selection and placement and back wall play.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 330. Intermediate Soccer. 1 Credits.**

Basic skills are reviewed and refined. Dead ball situations are studied, especially corner kicks and direct and indirect free kicks. Different systems of play are introduced and evaluated. Positional play is stressed in the development of advanced defensive and offensive tactics.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 335. Intermediate Swimming. 1 Credits.**

Techniques for crawl, sidestroke, elementary backstroke, back crawl, and breaststroke are covered. Basic water rescue skills are presented including first aid procedures. Physical fitness is promoted through swimming.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 338. Intermediate Tennis. 1 Credits.**

Increased proficiency in four basic skills will be developed. New shots taught include the overhead, the drop, the lob, and spin serve. Strategy for singles and doubles play will be stressed. Emphasis is on increased pace and ball placement.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 341. Intermediate Volleyball. 1 Credits.**

Students improve execution of basic skills through practice. Stresses safe execution of dives and rolls. Teaches various offensive strategies and defensive alignments. Emphasizes team play.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 343. Intermediate Weight Training. 1 Credits.**

Emphasizes the development of individualized muscular strength and endurance programs following instruction in the physiological principles and techniques of weight training. Students should have beginning weight training skills, techniques, and knowledge prior to enrolling in this class.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**Advanced Undergraduate and Graduate-level Courses****PHYA 402. Leading Group Fitness Activities. 1 Credits.**

All aspects of leading group fitness activities will be explored and applied, including components of an aerobic exercise class, modifications for individual needs and special populations, health screening, fitness testing.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 409. Advanced Basic Training. 1 Credits.**

Advanced fitness program based on the model used by the United States Army Physical Fitness Academy to further improve aerobic and anaerobic fitness. Builds on conditioning level obtained in PHYA 209.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 414. Advanced Fencing. 1 Credits.**

A review of the footwork and bladework covered in the intermediate course; pair exercises and individual lessons dealing with both technique and tactics. Emphasis in this course is on individual and paired exercises rather than on large group lessons. Officiating is also covered in conjunction with greater competitive opportunities.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 416. Advanced Golf. 1 Credits.**

Required preparation, a 15 or less handicap. Comprising this course are the ability to score, the analysis of strategy and shot production, and improvement of self-awareness and coping strategies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 419. Advanced Horseback Riding. 1 Credits.**

Provides more technical flatwork at the walk, trot, and canter, as well as jumping. Course work will be primarily jumping. An additional fee is required; this course is taught off campus.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 427. Advanced Open Water Scuba Diving. 1 Credits.**

Nationally recognized scuba certification may substitute for prerequisite. The course will follow the PADI Advanced Open water course curriculum which contains five specialty dives focusing on deep, night, peak performance buoyancy, underwater navigation, and underwater naturalist.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYA 227.

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

**PHYA 438. Advanced Tennis. 1 Credits.**

Individual skill improvement in all shots with pace and accuracy of shots is stressed. Advanced strategies for singles and doubles play are learned. Analysis of opponent's strengths and weaknesses and physical fitness are stressed through drills and games.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade; credit hours may not be used toward degree.

## Contact Information

**Department of Exercise and Sport Science**  
Visit Program Website (<http://exss.unc.edu>)  
209 Fetzer Hall, CB# 8700  
(919) 843-9630

**Chair**

Troy Blackburn

**Director of Undergraduate Studies**

Meredith Petschauer  
[mbsby@email.unc.edu](mailto:mbsby@email.unc.edu)

## Exercise and Sport Science Major, B.A.–Fitness Professional

The goal of the fitness professional program is to prepare students to assume roles as leaders in the fitness field and the area of fitness research. The blend of theoretical coursework and practical experience will assist the student in preparing for career opportunities and national fitness certifications.

For more information, interested students can also access the fitness professional website (<https://exss.unc.edu/undergraduate-program/ba-fitness-professional/>) or contact Professor Alain Aguilar ([alaguila@email.unc.edu](mailto:alaguila@email.unc.edu)).

### Student Learning Outcomes

Upon completion of the Exercise and Sport Science program (fitness professional track), students should be able to:

- Apply curriculum learning to pass fitness-related accredited certifications
- Efficiently and independently demonstrate accurate fitness testing methods to create comprehensive fitness programs for healthy and clinical populations
- Explain, correct, and modify exercise techniques to healthy and clinical populations
- Explain general nutritional concepts for specific fitness goals
- Comprehend the basic administrative duties of fitness management
- Critically analyze fitness-related research, blog posts, and other outlets of information


### Requirements







In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Students seeking the major in exercise and sport science–fitness professional (EXSS–FP) must complete the following departmental requirements in addition to required General Education courses:

Code	Title	Hours
<b>Core Requirements</b>		
EXSS 175	 Human Anatomy <sup>F</sup>	3
EXSS 220	Fitness Management	3
EXSS 276	Human Physiology	3
EXSS 360	Sports Nutrition	3
EXSS 376	Physiological Basis of Human Performance	3
EXSS 380	Neuromuscular Control and Learning	3
or EXSS 385	Biomechanics of Sport	

EXSS 408	Theory and Application of Strength Training and Conditioning for Fitness Professionals	3
or EXSS 478	Sports Performance Training	
EXSS 410	Exercise Testing and Prescription	4
EXSS 593	 Practicum in Physical Fitness and Wellness	3
Select two courses from the following options:		6
EXSS 593	 Practicum in Physical Fitness and Wellness (can be taken for an additional 6 hours, or a total of 9 hours for the core requirements)	
Additional EXSS elective course(s) excluding first-year seminars <sup>1</sup>		
<b>Additional Requirements</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
Select one:		4
BIOC 107	Introduction to Biochemistry	
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>1, F</sup>	
<b>Total Hours</b>		<b>42</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> If EXSS 593 is taken for fewer than 9 credit hours, additional EXSS courses must be taken to reach 34 total hours of core requirements. If more than one additional course is required to reach 34 hours, at least one must be above 199.

<sup>2</sup> CHEM 101 requires MATH 110 as a prerequisite.

## Special Opportunities in Exercise and Sport Science

### Honors in Exercise and Sport Science

The senior honors program provides exercise and sport science majors the opportunity to pursue an independent, two-semester research project. A student must have an overall grade point average of 3.3 or above prior to acceptance into the departmental honors program and must maintain an overall average of 3.3 or above to remain in the program. Students complete EXSS 693H and EXSS 694H. Honors study involves the completion of a substantial piece of original research and the formal oral presentation of the results. Those successfully completing the program are awarded their degree with either honors or highest honors. Previous senior honors thesis topics and more information can be found on the EXSS department web page. Please contact Dr. J.D. DeFreese ([defreese@email.unc.edu](mailto:defreese@email.unc.edu)) by email if you are interested.

### Departmental Involvement

In addition to its academic offerings, the department houses many research laboratories, and the campus recreation program. Both provide experiences outside the classroom. Students may also affiliate with the



Carolina Sports Business Club and the Carolina Sport Administration Club.

## Experiential Education/High-Impact Experience

The following courses satisfy the experiential education requirement in the Making Connections curriculum and *some* satisfy the high-impact experience requirement in the IDEAs in Action curriculum.

Code	Title	Hours
EXSS 51	 First-Year Seminar: Entrepreneurship in Human Performance and Sport	3
EXSS 207	Coaching Principles	3
EXSS 393	 Sports Medicine Clinical	1
EXSS 395	 Undergraduate Research Course	1-3
EXSS 420	 Program Planning in Recreation Services	3
EXSS 493	 Field Experience in Sport Administration	3
EXSS 593	 Practicum in Physical Fitness and Wellness	1-3
EXSS 693H	 Senior Honors Thesis	3
EXSS 694H	 Senior Honors Thesis	3

## Laboratory Teaching Internships and Assistantships

The fitness professional students serve a practicum with local fitness organizations.

## Study Abroad

The Department of Exercise and Sport Science offers summer study abroad programs depending on faculty availability. Refer to the department's website and the study abroad website for more information. For other study abroad experiences the department will gladly work with its majors in advance of the experience to determine appropriate credit.

## Undergraduate Awards

The Patrick F. Earey Award, named in honor of a longtime faculty member, is given annually to the outstanding senior major in the department. The award signifies exemplary leadership, academic achievement, and extracurricular involvement by a senior exercise and sport science major.

The Ronald W. Hyatt Scholarship, named in honor of the late Dr. Hyatt, one of Carolina's "priceless gems" and a faculty member in the department, is a merit-based scholarship awarded annually to an outstanding full-time undergraduate exercise and sport science major with junior status.

## Undergraduate Research

Students are encouraged to explore research interests by taking EXSS 395, completing independent research studies, or writing senior honors theses. Please review the EXSS website under the research laboratories tab to determine where your research interest lies. Contacting individual faculty in your area of interest is encouraged, or reach out to J.D. DeFreese ( [defreese@email.unc.edu](mailto:defreese@email.unc.edu) ), the EXSS director of undergraduate research.

## Department Programs

### Majors

- Exercise and Sport Science Major, B.A.–General (p. 529)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 528)
- Exercise and Sport Science Major, B.A.–Sport Administration (p. 531)

### Minors

- Coaching Education Minor (p. 533)
- Exercise and Sport Science Minor (p. 533)
- Sports Medicine Minor (p. 534)

### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

## Contact Information

### Department of Exercise and Sport Science

Visit Program Website (<http://exss.unc.edu>)  
209 Fetzner Hall, CB# 8700  
(919) 843-9630

### Program Director

Alain Aguilar  
[alaguila@email.unc.edu](mailto:alaguila@email.unc.edu)

### Chair

Troy Blackburn

### Director of Undergraduate Studies

Meredith Petschauer  
[mbusby@email.unc.edu](mailto:mbusby@email.unc.edu)

## Exercise and Sport Science Major, B.A.–General

Exercise and sport science examines the physics, physiology, psychology of sport and exercise, and the recognition and treatment of athletic injuries. The general major provides foundational courses in exercise science and is an excellent preparation for the allied medical fields.

## Student Learning Outcomes

Upon completion of the Exercise and Sport Science program, students should be able to:

- Understand the role and importance of lifelong physical activity and exercise in society
- Demonstrate the ability to apply fundamental concepts of human physiology to explain how the human body responds to exercise and changing environments
- Describe neuromuscular control systems and concepts related to movement and motor skill acquisition, retention, and transfer
- Describe biomechanical and anatomical concepts of human motion and apply these concepts to understanding exercise, performance, and injury
- Understand the research process including research design, statistical terminology, and utilization of literature. Through this process they will be able to critically analyze current research in the field of exercise and sport science





- Demonstrate knowledge and procedures to respond in an emergency situation, identify and manage individual injury in health and fitness settings, and understand how to maintain a safe environment

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
EXSS 175	 Human Anatomy <sup>F</sup>	3
EXSS 180	Physical Activity in Contemporary Society	3
EXSS 181	Sport and Exercise Psychology	3
EXSS 273	 Research in Exercise and Sport Science	3
EXSS 276	Human Physiology	3
EXSS 288	Emergency Care of Athletic Injuries and Illnesses	3
EXSS 376	Physiological Basis of Human Performance	3
EXSS 380	Neuromuscular Control and Learning	3
EXSS 385	Biomechanics of Sport	3
<b>Additional Requirements</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
<b>Total Hours</b>		<b>31</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

A maximum of 45 hours of EXSS courses may be applied toward the B.A. degree.

## Special Opportunities in Exercise and Sport Science

### Honors in Exercise and Sport Science

The senior honors program provides exercise and sport science majors the opportunity to pursue an independent, two-semester research project. A student must have an overall grade point average of 3.3 or above prior to acceptance into the departmental honors program and must maintain an overall average of 3.3 or above to remain in the program. Students complete EXSS 693H and EXSS 694H. Honors study involves









the completion of a substantial piece of original research and the formal oral presentation of the results. Those successfully completing the program are awarded their degree with either honors or highest honors. Previous senior honors thesis topics and more information can be found on the EXSS department web page. Please contact Dr. J.D. DeFreese (defreese@email.unc.edu) by email if you are interested.

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laboratories tab to determine where your research interest lies. Contacting individual faculty in your area of interest is encouraged, or reach out to J.D. DeFreese ( defreese@email.unc.edu), the EXSS director of undergraduate research.

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### Minors

- Coaching Education Minor (p. 533)
- Exercise and Sport Science Minor (p. 533)
- Sports Medicine Minor (p. 534)

### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

## Contact Information

### Department of Exercise and Sport Science

Visit Program Website (<http://exss.unc.edu>)  
 209 Fetzer Hall, CB# 8700  
 (919) 843-9630

### Chair

Troy Blackburn

### Director of Undergraduate Studies

Meredith Petschauer  
 mbusby@email.unc.edu

## Exercise and Sport Science Major, B.A.–Sport Administration

The sport administration program provides students with course work specific to sport-related business and administrative functions, settings, and organizations. Course topics include administration, economics, event planning and management, facility management, finance, law, marketing, sales, analytics and leadership/organizational behavior, sponsorship, and other important components of the sport industry. Students will also complete at least one (1) sport administration internship as part of program studies.

For more information, please contact Danielle Smith ([daniellesmith@unc.edu](mailto:daniellesmith@unc.edu)).

## Student Learning Outcomes

Upon completion of the Exercise and Sport Science program (sport administration track), students should be able to:

- Understand and apply fundamental processes related to the sales process, marketing of sport, and marketing through sport
- Recognize the challenges of planning, designing, and managing an effective and efficient sport event, as well as designing and managing

a variety of sport and multipurpose facilities, and applying solutions or best practices to challenges

- Understand and identify the proper legal theory, including contracts, torts, property, agency, administrative, and Constitutional law as applied in the sport industry
- Apply specific critical thinking and analytical techniques used by financial managers to economic/financial challenges found in various sport settings
- Identify their own leadership qualities and core values, assess how their unique approach will help or hinder their ability to lead, and set a personal leadership vision to guide them within the sport industry
- Identify opportunities for experiential learning in the sport administration field, develop a professional portfolio and networking skills, understand organizational structures, and successfully navigate a sport

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Students seeking the major in exercise and sport science–sport administration (EXSS–SA) must complete the following requirements in addition to required General Education courses:

Code	Title	Hours
<b>Core Requirements</b>		
EXSS 221	Introduction to Sport Administration <sup>1</sup>	3
EXSS 224	Sport Sales and Revenue Production Seminar	3
EXSS 288	Emergency Care of Athletic Injuries and Illnesses	3
EXSS 322	Fundamentals of Sport Marketing	3
EXSS 323	Sport Facility and Event Management	3
EXSS 324	Finance and Economics of Sport	3
EXSS 326	Legal Aspects of Sport	3
EXSS 493	 Field Experience in Sport Administration	3
Six (6) additional credits must be earned in EXSS courses (at least one course, 3 hours, must be at the 200 level or above). <sup>2</sup>		6
<b>Additional Requirements</b>		
ECON 101	 Introduction to Economics (prerequisite for EXSS 324) <sup>H, F</sup>	4
STOR 151	 Introduction to Data Analysis	3
	or STOR 155  Introduction to Data Models and Inference	
	or PSYC 210  Statistical Principles of Psychological Research	
<b>Total Hours</b>		<b>37</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> EXSS 221 is a prerequisite for EXSS 322, EXSS 323, and EXSS 493.

<sup>2</sup> EXSS 420 and EXSS 430 may also be used. Note: EXSS 493 may be taken twice for a maximum total of six credits, but may not be used to fill this requirement.

Students considering graduate work in sport administration should take EXSS 273.

Exercise and Sport Science (EXSS) course descriptions (p. 514).

## Special Opportunities in Exercise and Sport Science

### Honors in Exercise and Sport Science

The senior honors program provides exercise and sport science majors the opportunity to pursue an independent, two-semester research project. A student must have an overall grade point average of 3.3 or above prior to acceptance into the departmental honors program and must maintain an overall average of 3.3 or above to remain in the program. Students complete EXSS 693H and EXSS 694H. Honors study involves the completion of a substantial piece of original research and the formal oral presentation of the results. Those successfully completing the program are awarded their degree with either honors or highest honors. Previous senior honors thesis topics and more information can be found on the EXSS department web page. Please contact Dr. J.D. DeFreese (defreese@email.unc.edu) by email if you are interested.

### Departmental Involvement

In addition to its academic offerings, the department houses many research laboratories, and the campus recreation program. Both provide experiences outside the classroom. Students may also affiliate with the Carolina Sports Business Club and the Carolina Sport Administration Club.

### Experiential Education/High-Impact Experience

The following courses satisfy the experiential education requirement in the Making Connections curriculum and *some* satisfy the high-impact experience requirement in the IDEAs in Action curriculum.

Code	Title	Hours
EXSS 51	 First-Year Seminar: Entrepreneurship in Human Performance and Sport	3
EXSS 207	Coaching Principles	3
EXSS 393	 Sports Medicine Clinical	1
EXSS 395	 Undergraduate Research Course	1-3
EXSS 420	 Program Planning in Recreation Services	3
EXSS 493	 Field Experience in Sport Administration	3
EXSS 593	 Practicum in Physical Fitness and Wellness	1-3
EXSS 693H	 Senior Honors Thesis	3
EXSS 694H	 Senior Honors Thesis	3

## Laboratory Teaching Internships and Assistantships

The fitness professional students serve a practicum with local fitness organizations.

### Study Abroad

The Department of Exercise and Sport Science offers summer study abroad programs depending on faculty availability. Refer to the department's website and the study abroad website for more information. For other study abroad experiences the department will gladly work with its majors in advance of the experience to determine appropriate credit.

### Undergraduate Awards

The Patrick F. Earey Award, named in honor of a longtime faculty member, is given annually to the outstanding senior major in the department. The award signifies exemplary leadership, academic achievement, and extracurricular involvement by a senior exercise and sport science major.

The Ronald W. Hyatt Scholarship, named in honor of the late Dr. Hyatt, one of Carolina's "priceless gems" and a faculty member in the department, is a merit-based scholarship awarded annually to an outstanding full-time undergraduate exercise and sport science major with junior status.

### Undergraduate Research

Students are encouraged to explore research interests by taking EXSS 395, completing independent research studies, or writing senior honors theses. Please review the EXSS website under the research laboratories tab to determine where your research interest lies. Contacting individual faculty in your area of interest is encouraged, or reach out to J.D. DeFreese (defreese@email.unc.edu), the EXSS director of undergraduate research.

## Department Programs

### Majors

- Exercise and Sport Science Major, B.A.—General (p. 529)
- Exercise and Sport Science Major, B.A.—Fitness Professional (p. 528)
- Exercise and Sport Science Major, B.A.—Sport Administration (p. 531)

### Minors

- Coaching Education Minor (p. 533)
- Exercise and Sport Science Minor (p. 533)
- Sports Medicine Minor (p. 534)

### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

## Contact Information

### Department of Exercise and Sport Science

Visit Program Website (<http://exss.unc.edu>)  
209 Fetzer Hall, CB# 8700  
(919) 843-9630

### Program Director

Danielle Smith  
daniellesmith@unc.edu

**Chair**

Troy Blackburn

**Director of Undergraduate Studies**

Meredith Petschauer

mbusby@email.unc.edu

## Coaching Education Minor

Coaching education minors have the opportunity to gain both theoretical and practical knowledge regarding psychological, physiological, pedagogical, philosophical, and management aspects of coaching.

### Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor in coaching education is by approval only and consists of five courses, distributed as follows:

Code	Title	Hours
<b>Core Requirements</b>		
EXSS 205 or EXSS 206	Analysis of Sport Skills I Analysis of Sport Skills II	3
EXSS 207	Coaching Principles	3
EXSS 288 or EXSS 265	Emergency Care of Athletic Injuries and Illnesses Fundamentals of Sports Medicine	3
Two from:		6
EXSS 141	Personal Health	
EXSS 181	Sport and Exercise Psychology	
EXSS 211	Adapted Physical Education	
EXSS 221	Introduction to Sport Administration	
EXSS 360	Sports Nutrition	
EXSS 376	Physiological Basis of Human Performance	
EXSS 380	Neuromuscular Control and Learning	
EXSS 385	Biomechanics of Sport	
EXSS 408	Theory and Application of Strength Training and Conditioning for Fitness Professionals	
EXSS 430	Introduction to Leadership and Group Dynamics	
EXSS 478	Sports Performance Training	
<b>Total Hours</b>		<b>15</b>

See the program page here (p. 530) for special opportunities.

## Department Programs

**Majors**

- Exercise and Sport Science Major, B.A.–General (p. 529)
- Exercise and Sport Science Major, B.A.–Fitness Professional (p. 528)

- Exercise and Sport Science Major, B.A.–Sport Administration (p. 531)

**Minors**

- Coaching Education Minor (p. 533)
- Exercise and Sport Science Minor (p. 533)
- Sports Medicine Minor (p. 534)

**Graduate Program**

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

## Contact Information

**Department of Exercise and Sport Science**Visit Program Website (<http://exss.unc.edu>)

209 Fetzner Hall, CB# 8700

(919) 843-9630

**Chair**

Troy Blackburn

**Director of Undergraduate Studies**

Meredith Petschauer

mbusby@email.unc.edu

## Exercise and Sport Science Minor

Exercise and sport science examines the anatomy, physics, physiology, and psychology of sport and exercise. The minor offers a more brief look into the opportunities for careers in exercise and sport.

### Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Five courses chosen from:		15
EXSS 180	Physical Activity in Contemporary Society	
EXSS 181	Sport and Exercise Psychology	
EXSS 265	Fundamentals of Sports Medicine <sup>1</sup>	
	or EXSS 288 Emergency Care of Athletic Injuries and Illnesses	
EXSS 360	Sports Nutrition <sup>1</sup>	
EXSS 376	Physiological Basis of Human Performance <sup>1</sup>	
EXSS 380	Neuromuscular Control and Learning <sup>1</sup>	
EXSS 385	Biomechanics of Sport <sup>1</sup>	
EXSS 408	Theory and Application of Strength Training and Conditioning for Fitness Professionals <sup>1</sup>	

**Additional Requirements**

BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H, F</sup>	4
<b>Total Hours</b>		<b>19</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Please note that some EXSS courses require prerequisites.

See the program page here (p. 530) for special opportunities.

## Department Programs

### Majors

- Exercise and Sport Science Major, B.A. –General (p. 529)
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### Minors

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## Contact Information

### Department of Exercise and Sport Science

Visit Program Website (<http://exss.unc.edu>)  
209 Fetzer Hall, CB# 8700  
(919) 843-9630

### Chair

Troy Blackburn

### Director of Undergraduate Studies

Meredith Petschauer  
[mbusby@email.unc.edu](mailto:mbusby@email.unc.edu)

## Sports Medicine Minor

There are many medical professions that have a sport focus (physical therapist, athletic trainer, physician, physician assistant, nurse, occupational therapist). The sports medicine minor is designed to expose students to the various injuries and rehabilitation techniques that are specific to sport. Students will learn the foundations of anatomy and physiology and then use this knowledge to understand basic evaluation, management and prevention techniques for sport related injury.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
EXSS 175	Human Anatomy <sup>F</sup>	3
EXSS 276	Human Physiology	3
EXSS 265	Fundamentals of Sports Medicine	3
EXSS 366	Foundations of Sports Medicine Rehabilitation	3
EXSS 393	Sports Medicine Clinical	2-3
One of the following courses:		1-3
EXSS 275L	Human Anatomy Laboratory	
EXSS 288	Emergency Care of Athletic Injuries and Illnesses	
EXSS 360	Sports Nutrition	
<b>Total Hours</b>		<b>15-18</b>

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Students will have the opportunity to obtain clinical experience through working with a health care professional in an athlete health care facility. See the program page here (p. 530) for additional special opportunities.

## Department Programs

### Majors

- Exercise and Sport Science Major, B.A. –General (p. 529)
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- Exercise and Sport Science Major, B.A. –Sport Administration (p. 531)

### Minors

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### Graduate Program

- M.A. in Exercise and Sport Science (<http://catalog.unc.edu/graduate/schools-departments/exercise-sport-science/>)

## Contact Information

### Department of Exercise and Sport Science

Visit Program Website (<http://exss.unc.edu>)  
209 Fetzer Hall, CB# 8700

(919) 843-9630

#### Chair

Troy Blackburn

#### Director of Undergraduate Studies

Meredith Petschauer  
mbusby@email.unc.edu

## Department of Geography

### Introduction

Geography is the science of space, place, and environment. The department offers classes spanning the social and natural sciences and offering students training in qualitative, quantitative, spatial analysis and modelling, and laboratory methodologies. Human geographers study the spatial aspects of human activity and physical geographers study patterns of climate, land forms, soils and water. Geographic tools and techniques—including Geographic Information Systems, remote sensing, and online and interactive mapping technologies—are among the most important for exploring and understanding our complex world. Geographic inquiry is global and local, inherently interdisciplinary, and offers skills that enable insights into pressing issues valued by employers and policy makers. For example, how does climate change impact the way we build cities? How does globalization influence where your jeans are made? How can health disparities between people be overcome through policy change? By synthesizing this knowledge, geographers create unique understandings of our complex world.

Career opportunities for geographers are wide ranging in the public, private, and nongovernmental sectors. Geographers work in the areas of social, health, and environmental policy; energy, transportation, economic, development, and tourism planning; urban and regional planning; research and education; community development; resource management; and environmental regulation and modeling.

With geography you can explore the world and find yourself.

### Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors by appointment and during regular office hours (see department website as hours will vary by semester). Departmental academic advising is highly recommended for all majors, in particular those considering graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's Web site.

### Facilities

The department has a range of specialized, state-of-the-art equipment for geospatial field sampling and laboratory analysis of data in hydrology, climatology, and vegetation science, including an ecohydrology laboratory and a dendrology laboratory. The department is wired internally to support the latest network technology. This network links us to the centrally managed servers that provide access to a large library of software for geographic applications and research, as well as first-

class library resources, data storage and backup, and access to supercomputing clusters.

## Graduate School and Career Opportunities

There are a variety of job opportunities for geographers in government, business, industry, and the nonprofit sector. Geographers are hired for the following kinds of expertise: locational analysis, GISci, remote sensing, cartography, land use planning, recreation and tourism planning, and foreign area expertise. Many geographers pursue teaching at all levels.

Students with a B.A. major in geography from UNC–Chapel Hill are well trained for graduate programs in geography and other disciplines. Majors have entered graduate programs as diverse as city and regional planning, business, medicine, and ecology. For more information about careers in geography, the UNC–Chapel Hill Department of Geography, degree requirements, and connections to other sites of interest, visit the department's website (<http://geography.unc.edu>).

#### Major

- Geography Major, B.A. (p. 546)

#### Minor

- Environmental Justice Minor (p. 551)
- Geography Minor (p. 553)
- Geographic Information Sciences Minor (p. 554)

#### Graduate Programs

- M.A. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography/>)
- Ph.D. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography/>)

## Professors

Michael E. Emch, Banu P. Gokariksel, Clark Gray, Elizabeth Havice, Scott Kirsch, Charles E. Konrad, Elizabeth Olson, John Pickles, Sara Smith, Conghe Song, Gabriela Valdivia, Erika Wise.

## Associate Professors

Javier A. Arce-Nazario, Paul L. Delamater, Christian Lentz, Nina Martin, Aaron Moody, Chérie Rivers Ndaliko, Diego Riveros-Iregui.

## Assistant Professors

Amanda Gay DelVecchia, Ruth Matamoros-Mercado, Danielle Purifoy.

## Professors Emeriti

Stephen Birdsall, John W. Florin, Wilbert M. Gesler, Richard J. Kopec, Peter J. Robinson, Stephen J. Walsh, Thomas Whitmore.

## GEOG—Geography

### Undergraduate-level Courses

#### GEOG 50. First-Year Seminar: Mountain Environments. 3 Credits.

This course is on understanding the physical geography of mountain environments and the processes that have created them, shaped them, and sustained them. Honors version available.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-KNOWING or FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

#### GEOG 52. First-Year Seminar: Political Ecology of Health and Disease. 3 Credits.

This course examines the intersection of political, economic, social, and environmental systems that shape health and disease across spatial and temporal scales. A political ecological framework is used to examine such topics as how political forces and economic interests helped shape the HIV/AIDS and malaria pandemics in Africa and beyond. Honors version available.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, CI, GL.

**Grading Status:** Letter grade.

#### GEOG 53. First-Year Seminar: Battle Park: Carolina's Urban Forest. 3 Credits.

An introduction to the study of urban forest landscapes through a series of field experiences in Carolina's Battle Park.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** PL, EE- Field Work.

**Grading Status:** Letter grade.

#### GEOG 54. First-Year Seminar: Global Change and the Carolinas. 3 Credits.

An examination of the ways in which change in the global physical environment, human induced and natural, might impact the Carolinas.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

#### GEOG 55. First-Year Seminar: Landscape in Science and Art. 3 Credits.

Explores viewing landscape from the perspective of science and of art, and investigates how an integration of both leads to a better understanding and appreciation of a landscape.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### GEOG 56. First-Year Seminar: Local Places in a Globalizing World. 3 Credits.

An examination of the relationship between globalization and localization in order to think about how we, as individuals and groups, can make a difference in the world.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

#### GEOG 58. First-Year Seminar: Making Myth-Leading Memories: Landscapes of Remembrance. 3 Credits.

This course considers memorial landscapes created to reinforce values symbolized by the person, group, or event memorialized. It looks at how disagreements and cultural changes affect memorial landscape interpretation.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### GEOG 59. First-Year Seminar: Space, Identity, and Power in the Middle East. 3 Credits.

This seminar examines the role traditional and modern spaces play in representations of the Middle East and how Middle Easterners engage these contested spaces to construct their cultural and political identities.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

#### GEOG 60. First-Year Seminar: Health Care Inequalities. 3 Credits.

Explores the social and spatial inequalities in health care access and use and their impacts on health. A variety of topics are examined, including health-related policies, beliefs about health and health care, modern medical practices, and health care costs.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### GEOG 61. First-Year Seminar: Climate Change in the American Southeast. 3 Credits.

Seminar participants, working in small groups, will run climate models and investigate current climate trends, combining the results to create scenarios of future climate for the southeast United States.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.



**GEOG 62. First-Year Seminar: The Culture of Technology. 3 Credits.**

This first-year seminar uses the lens of culture to explore systems of meaning and values, and relations of social power, that are invested in technologies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH, CI.

**Grading Status:** Letter grade.

**GEOG 63. First-Year Seminar: The Problem with Nature and Its Preservation. 3 Credits.**

Alternative conceptualizations of nature in Western culture and how these meanings help create the landscapes in which we live and allow us to evaluate the implications of efforts to preserve nature. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-CREATE or FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**GEOG 64. First-Year Seminar: Vietnam. 3 Credits.**

Explores modern Vietnam and situates the American war in broader spatial and historical context. Draws on fact, fiction, and visual media to introduce a fascinating place, rich in history, and to animate a geographic imagination students can take anywhere.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**GEOG 65. First-Year Seminar: Climate Change in the Media. 3 Credits.**

Examines the scientific basis of climate change and how the established science is presented, distorted, and debated in the public sphere. Explores how a variety of media sources can be used to effectively communicate about climate change to people with different perspectives. Honors version available. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-NATSCI, RESEARCH.

**Making Connections Gen Ed:** PL, CI.

**Grading Status:** Letter grade.

**GEOG 67. First-Year Seminar: Politics of Everyday Life. 3 Credits.**

Seminar examines the ways that politics, especially contests over territory, are part of our day-to-day life. We will explore a range of cases, from immigration policy and rhetoric in the United States, to popular representations of geopolitics in film, to the politics of family planning in India.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**GEOG 68. First-Year Seminar: Freshwaters in the Anthropocene. 3 Credits.**

Freshwaters sustain myriad ecosystem services by providing drinking water, irrigation, inland fisheries, transportation, recreational opportunities, nutrient cycling, and biodiversity. At the same time, both water quality and quantity are impacted by land use, water abstraction, damming, contamination, and climate change. This seminar will focus (1) on understanding how these anthropogenic pressures affect freshwater ecosystems differently across ecoregions, and (2) how management, legislative, and social initiatives have adapted or developed solutions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-NATSCI, RESEARCH.

**Grading Status:** Letter grade.

**GEOG 89. First Year Seminar: Special Topics. 3 Credits.**

Special Topics Course. Content will vary each semester.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**GEOG 110. The Blue Planet: An Introduction to Earth's Environmental Systems. 3 Credits.**

Emphasizes geographic patterns and interrelationships in energy, climate, terrain, and life. Develops integrative view of how atmospheric, hydrologic, geomorphic, and biotic processes create global patterns in the environment. Incorporates influence of human activities on earth. Class will help students understand the natural environment, both globally and in North Carolina. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**GEOG 111. Weather and Climate. 3 Credits.**

An introduction to the nature and causes of weather variability and climate change and their impact on human activity. No laboratory. (Core)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**GEOG 115. Maps: Geographic Information from Babylon to Google. 3 Credits.**

Introduces the science and art of map making and will lay the conceptual foundation necessary to understand how and why maps are made and used.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 120. World Regional Geography. 3 Credits.**

A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 120.

**GEOG 121. Geographies of Globalization. 3 Credits.**

This course examines places and the connections between places to build critical understandings of the role of human geographies in global economic, political, social, and cultural systems. (Core)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**GEOG 123. Cultural Geography. 3 Credits.**

How population, environment, and human culture is expressed in technology and organization interact over space and time. (GHA)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**GEOG 124. Feminist Geographies. 3 Credits.**

This course explores the relationship between gender and place and introduces feminist approaches to key geographical concepts. We will study how places that we live in shape our gender identities and how gender relations affect our worlds. Topics include bodies, home, city, migration, development, nationalism, and war.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**GEOG 125. Cultural Landscapes. 3 Credits.**

Explores how everyday culture helps create the landscapes and places in which we live and what these landscapes tell us about ourselves.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**GEOG 130. Development and Inequality: Global Perspectives. 3 Credits.**

An introduction to historical and contemporary ideas about practices and meanings of development. Students will explore "development" in a global landscape of poverty, power, and struggles over inequality.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**GEOG 141. Geography for Future Leaders. 3 Credits.**

In this course, students develop geographic concepts and skills and use them to navigate real-world social and environmental challenges. Co-taught by a physical and human geographer, the course provides students with essential building blocks for becoming active and engaged leaders and citizens in a rapidly changing world.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-NATSCI.

**Making Connections Gen Ed:** PL, GL.

**Grading Status:** Letter grade.

**GEOG 210. Global Issues and Globalization. 3 Credits.**

Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** GLBL 210, ANTH 210, HIST 210, POLI 210.

**GEOG 212. Environmental Conservation and Global Change. 3 Credits.**

Survey of environmental change as driven by physical processes and human activity. Problem-solving methods are explored. Focus on issues such as global warming, ozone depletion, deforestation, extinction, pollution, wetland loss. This course will provide significant background in physical geography in the context of today's most pressing environmental concerns and with reference to the societal implications and management strategies. (No lab.) (Core)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-NATSCI.

**Making Connections Gen Ed:** PL, GL.

**Grading Status:** Letter grade.

**GEOG 215. Introduction to Spatial Data Science. 3 Credits.**

This course will introduce students to data science with a focus on spatial (geographic) data, data that are referenced to a location on Earth's surface. Students will learn concepts and techniques to apply various facets of data science practice, including data collection, management, and integration, descriptive modeling, exploratory spatial data analysis, and communication via visualization and mapping. Real world examples and datasets spanning physical, social, and health sciences will be used throughout the course.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** SS, QI.

**Grading Status:** Letter grade.

**GEOG 222. Health and Medical Geography. 3 Credits.**

Health and disease are studied by analyzing the cultural/environmental interactions that lie behind world patterns of disease distribution, diffusion, and treatment, and the ways these are being altered by development. Previously offered as GEOG 445. (GHA)

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**GEOG 225. Space, Place, and Difference. 3 Credits.**

Gender, race, and class are examined in terms of the spatial patterns of everyday life, regional patterns, and global patterns. (GHA)

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** WGST 225.

 **GEOG 228. Urban Geography. 3 Credits.**

Explores the evolution, patterns, and processes of urbanization and the development of cities. Emphasis on the power, politics, technology, and environmental forces shaping urban life. Topics may include housing and segregation, cities and climate change, economic development, transportation challenges, and the racialization of urban policy.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**GEOG 230. The World at Eight Billion. 3 Credits.**

Approximately eight billion people live on the Earth. How did we get here? What have been the consequences for us and the planet? What will the future bring? To answer these questions, we will draw on population and human-environment geography and on an abundance of new data sources.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

 **GEOG 232. Agriculture, Food, and Society. 3 Credits.**

A study of environmental parameters, cultural preferences, technological developments, and spatial economic infrastructure that result in world patterns of food consumption, production, and distribution. (GHA)

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**GEOG 237. Natural Resources. 3 Credits.**

An analysis of selected biological and mineral resources of the world with particular emphasis on their distribution, utilization, and management policies and on their social and economic implications. (GHA)

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 240. Introduction to Environmental Justice. 3 Credits.**

Environmental justice is about social equity and its relationship to the environment. This course provides an introduction to the principles, history, and scholarship of environmental justice. It traces the origins of the movement in the US and globally and its relationship to environmentalism. Students will use case studies and engagement to become familiar with environmental justice concerns related to food systems, environmental health, climate change, and economic development.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**GEOG 253. Introduction to Atmospheric Processes. 4 Credits.**

Includes one-hour laboratory. Atmospheric processes including radiation, dynamics, and thermodynamics are emphasized. Circulations across a range of temporal and spatial scales are described. Links between environmental problems and the atmosphere are explored.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 231 and either CHEM 102 or PHYS 114.

**Grading Status:** Letter grade.

**Same as:** ENEC 253.

**GEOG 254. American Historical Geographies. 3 Credits.**

A study of selected past geographies of the United States with emphasis on the significant geographic changes in population, cultural, and economic conditions through time. Previously offered as FOLK/GEOG 454. (GHA)

**Rules & Requirements**


**Grading Status:** Letter grade.

**Same as:** FOLK 254.

 **GEOG 259. Society and Environment in Latin America. 3 Credits.**

This survey course examines political, cultural, and biophysical dimensions of human-environment relations across the ecologically diverse and historically rich region of Latin America. It draws on multiple data sources, perspectives, and media to explore sub-regions and their biocultural histories, including the Caribbean, Andes, Amazon, Central and North America, and their relationship with the United States.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**GEOG 260. North America's Landscapes. 3 Credits.**

A survey of the cultural and physical landscapes of the United States and Canada. Emphasis on landscape evolution, present distributions, and interactions between people and their environment. (Regional)

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**GEOG 261. The South. 3 Credits.**

Present-day Southern United States, approached historically through a study of its physical, economic, and cultural environment. (Regional)

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 262. Geography of North Carolina. 3 Credits.**

A survey of the cultural, economic, and physical diversity of North Carolina. Emphasizes regional patterns, historical changes, and the appearance of the landscape. (Regional)

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**GEOG 263. Environmental Field Studies in Siberia. 4 Credits.**

This course explores the biogeography of Siberia and gives students practical training on how to do field work in field ecology and physical geography.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 263.

**GEOG 264. Conservation of Biodiversity in Theory and Practice. 3 Credits.**

This course will give students a multidisciplinary introduction to growing field of biodiversity preservation.

**Rules & Requirements**

**Requisites:** Prerequisite, ENEC 201; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ENEC 264.

**GEOG 265. Eastern Asia. 3 Credits.**

Spatial structure of population, urbanization, agriculture, industrialization, and regional links in China, Japan, and Korea. (Regional)

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ASIA 265.

**GEOG 266. Society and Environment in Southeast Asia. 3 Credits.**

This survey integrates sociological, biophysical, and geographical elements to examine interactions of population and environment across the ecologically-diverse and historically-rich region of Southeast Asia. Draws on multiple data sources, perspectives, and media to explore Vietnam, Indonesia, Malaysia, Thailand, Burma/Myanmar, the Philippines, and neighboring countries.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**GEOG 267. South Asia. 3 Credits.**

Introduces students to the geography of South Asia, including an overview of the physical environment, cultural practices, and economic development. Emphasizes the political geography of South Asia and political and social processes such as nationalism and colonialism that have played a formative role in the region.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 267.

**GEOG 268. Geography of Africa. 3 Credits.**

Africa is a vast continent with extraordinary biodiversity, cultural diversity, and history. But despite its many historic and contemporary contributions to the modern world, Africa is often represented as needing civilization, development, economic growth, charity, and education. This course investigates Africa's place in the global geopolitical imagination. With an emphasis on human geography, we analyze various forms of media (including maps, films, songs) to investigate the relationship between representation and the sociopolitical construction of place.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**GEOG 269. Human-Environment Interactions in the Galapagos Islands. 3 Credits.**

The Social and ecological implications of resource conservation and economic development in a World Heritage Site are examined in the Galapagos Islands of Ecuador.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-NATSCI.

**Making Connections Gen Ed:** PL, BN.

**Grading Status:** Letter grade.

**GEOG 270. Geography of Contemporary China. 3 Credits.**

This course provides a systematic introduction to China as an emerging political and economic power. From a geographic perspective, this course addresses uneven human and physical landscapes, the historical evolution and current status of the natural environment, economic development, and human well being.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**GEOG 281. Ethnographies of Globalization: From 'Culture' to Decolonization. 3 Credits.**

This course will provide lower level undergraduate students with a survey of ethnographic research in geography and related fields. We will examine studies from work, labor, and gender, to indigenous youth and decolonization. Previously offered as GEOG 481.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**GEOG 293. Freedom Farming. 3 Credits.**

The objective of Freedom Farming is to understand—in theory and in practice—the relationship between farming, health, and social justice among Black communities throughout the African diaspora. To this end we will investigate the history of agriculture's place in Black liberation movements; engage theories that orient these movements. Students also contribute to a local freedom farm. APPLES service-learning.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Grading Status:** Letter grade.

**GEOG 294. Beyond Sustainability. 3 Credits.**

This course explores critical questions of sustenance, which are often overlooked in "sustainability" discourse: How do people sustain themselves in North America? Against what pressures? How does the geography and history of the land shape cultural, social, political, and economic practices of sustenance? And, in contexts of oppression, dispossession, and discrimination, how do acts of sustenance intersect or conflict with larger cultural, social, economic, and political debates about "sustainability"?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Grading Status:** Letter grade.

**GEOG 295. Undergraduate Research in Geography. 3 Credits.**

Permission of the instructor. For students who wish to participate in departmental research programs. May be taken twice.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**GEOG 296. Independent Study. 1-12 Credits.**

Permission of the instructor. Special reading and research in geography under the supervision of a selected instructor. Course may not be taken more than twice.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GEOG 334. Human Ecology of Health and Disease. 3 Credits.**

Examines the role of the interactions of cultures, environments, and human diseases in the quest for sustainable agriculture by examining the cultural ecology of agriculture systems and their human diseases. Previously offered as GEOG 434. (GHA)

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**GEOG 341. Hydrology, Ecology, and Sustainability of the Humid Tropics. 3 Credits.**

The Tropics have some of the largest river flows in the world. Three billion people live in humid tropical regions, yet many of them lack adequate water supply. This course focuses on the water cycle of tropical regions and the interactions between hydrology and ecology with an emphasis on sustainability.

**Rules & Requirements**

**Making Connections Gen Ed:** PL, GL.

**Grading Status:** Letter grade.

**GEOG 370. Introduction to Geographic Information. 3 Credits.**

A survey of geographic data sources including maps, photos, digital images, Census information, and others. Emphasis is on appropriate uses, limitations, and skilled interpretation in physical and human geography applications. (Core)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Grading Status:** Letter grade.

**GEOG 390. Contemporary Topics in Geography. 1-12 Credits.**

Exploration of topics in contemporary geography.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GEOG 391. Quantitative Methods in Geography. 3 Credits.**

This course provides an introduction to the application of statistical methods to geographic problems and to statistical packages in their solution. Attention given to spatial data analysis and sampling methods.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 392. Research Methods in Geography. 3 Credits.**

Introduces geographic research methods and develops skills to conduct independent research. Themes include spatial analysis, knowledge production, methodology, theory and evidence, and principles of informed argument. Students gain experience with multiple methods applicable to the study of diverse topics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI, RESEARCH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****GEOG 406. Atmospheric Processes II. 4 Credits.**

Principles of analysis of the atmosphere are applied to the analysis of environmental phenomena. The link between the atmosphere and other environmental compartments is explored through environmental case studies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 406.

**GEOG 410. Modeling of Environmental Systems. 3 Credits.**

Uses systems theory and computer models to understand ecosystem energy and matter flows, such as energy flow in food webs, terrestrial ecosystem evapotranspiration and productivity, related to climate, vegetation, soils, and hydrology across a range of spatial and temporal scales.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**GEOG 412. Synoptic Meteorology. 3 Credits.**

An analysis of synoptic weather patterns and the processes responsible for them. Climatological aspects of these weather patterns are emphasized. (EES)

**Rules & Requirements**

**Requisites:** Prerequisite, GEOG 110 or 111.

**Grading Status:** Letter grade.

**GEOG 414. Climate Change. 3 Credits.**

An investigation of the scientific basis of climate change (past, present, and future), the current state of knowledge concerning future projections, and the implications of climate change for society and the environment.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI, RESEARCH.

**Grading Status:** Letter grade.

**GEOG 415. Making Your Research Matter: Effective Design and Communication to Help Make an Impact on the World. 3 Credits.**

This hands-on course will set you on a path towards being a researcher and scientist who will make a positive difference in the world through good research practices and effective communication. Topics will include: reproducibility and ethics, creating effective graphics, giving engaging oral and poster presentations, writing abstracts, social media use in research, communication with journalists, operating in the judicial and political arenas, and stakeholder outreach and public talks.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**GEOG 416. Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems. 3 Credits.**

Applied climatology involves the interdisciplinary application of climate data and techniques to solve a wide range of societal and environmental problems. This projects-based course investigates how climate impacts a range of sectors, including water resources, urban environments, ecosystems, and human health.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI, RESEARCH, COMMBEYOND.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**GEOG 419. Field Methods in Physical Geography. 3 Credits.**

Involves evaluation of landscapes by examining nature and biophysical elements influencing landscape form and function. Course emphasizes data collection, analysis, and interpretation using GIS and field methods. (EES)

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**GEOG 423. Social Geography. 3 Credits.**

A study of the spatial components of current social problems, such as poverty, race relations, environmental deterioration and pollution, and crime. (GHA)

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 424. Geographies of Religion. 3 Credits.**

This course considers the theoretical and empirical dimensions of religion from a geographical perspective. The course introduces the key theories linking space, place, and religion and helps students apply these new theoretical tools to examine some of the pressing issues in the contemporary study of religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** CI, GL.

**Grading Status:** Letter grade.

**GEOG 428. Global Cities: Space, Power, and Identity in the Built Environment. 3 Credits.**

This course addresses questions of power, politics, and identity in the urban environment, with a focus on the emergence of key selected global cities and the processes that both created them historically and which are currently transforming them locally and globally.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** PLAN 428.

**GEOG 429. Urban Political Geography: Durham, NC. 3 Credits.**

An interdisciplinary exploration of urban social problems, bridging the literature on urban geography with that on urban politics. Students will be required to complete 30 hours of service for an organization that works on an urban social issue.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES, RESEARCH, HI-SERVICE.

**Making Connections Gen Ed:** SS, EE- Service Learning.

**Grading Status:** Letter grade.

**GEOG 430. Global Migrations, Local Impacts: Urbanization and Migration in the United States. 3 Credits.**

This course explores the relationship between patterns of urban development in the United States and migration, in both historical and contemporary contexts.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

 **GEOG 435. Global Environmental Justice. 3 Credits.**

This advanced course brings geographical perspectives on place, space, scale, and environmental change to the study of environmental justice. In lectures, texts, and research projects, students examine environmental concerns as they intersect with racial, economic and political differences. Topics include environmental policy processes, environmental justice movements, environmental health risks, conservation, urban environments, and the role of science in environmental politics and justice. (GHA)

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**GEOG 436. Governance, Institutions, and Global Environmental Change. 3 Credits.**

Interdisciplinary course for advanced undergraduates and graduate students. Focuses on multiscale environmental issues and related social, institutional, governance, and policy challenges. Examines key concepts and theories involving global environmental change and problem-solving efforts.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

 **GEOG 437. Social Vulnerability to Climate Change. 3 Credits.**

How does climate change affect vulnerable human populations? We will attempt to answer a shared research question on this topic by reading the peer-reviewed literature and by conducting a semester-long data analysis project incorporating social and climate data from around the world. This is a course-based undergraduate research experience (CURE).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL, RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research, GL.

**Grading Status:** Letter grade.

**Same as:** ENEC 437.

**GEOG 440. Earth Surface Processes. 3 Credits.**

This course will focus on the processes of soil formation, erosion, and landform evolution with an emphasis on the interaction of geomorphic processes with surface hydrology and ecosystems. (EES)

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, GEOG 110.

**Grading Status:** Letter grade.

**Same as:** GEOL 502.

**GEOG 441. Introduction to Watershed Systems. 3 Credits.**

Introduction to hydrologic and geomorphic processes in watersheds as applied to problems in flood analysis, water quality, and interactions of hydrology and environmental sciences. Drainage networks, nested catchments, and distribution and controls of precipitation, evaporation, runoff, and groundwater flow. Includes local field trips. (EES)

**Rules & Requirements**

**Making Connections Gen Ed:** PL, EE- Field Work.

**Requisites:** Prerequisite, ENEC 202 or GEOG 110; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**GEOG 442. River Processes. 3 Credits.**

Introduction to landforms and processes associated with flowing water at the earth's surface. Hydrology, sedimentology, and theories of channel formation and drainage basin evolution. (ESS)

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 444. Landscape Biogeography. 3 Credits.**

This course is concerned with the application of biogeographical principles and techniques to the study of natural and human-modified landscapes. It includes local and extraregional case studies. (EES)

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 446. Geography of Health Care Delivery. 3 Credits.**

This course examines the role that geography plays in shaping how people interact with the health care system. Topics include health care delivery system types, facility and personnel distributions, access to care, health care utilization, as well as GIS, spatial analysis, and decision support systems.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 447. Gender, Space, and Place in the Middle East. 3 Credits.**

Examines gender, space, and place relationships in the modern Middle East. Investigates shifting gender geographies of colonialism, nationalism, modernization, and globalization in this region. (GHA)

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ASIA 447, WGST 447.

**GEOG 448. Transnational Geographies of Muslim Societies. 3 Credits.**

Examines modern Muslim geographies that are created by transnational flows, connections, and imaginaries that cross national and regional boundaries across the Middle East, Southeast Asia, and beyond.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **GEOG 451. Population, Development, and the Environment. 3 Credits.**

Introduction to contemporary and historical changes in human population, international development, and the global environment and how these processes interact, drawing on population geography as an organizing framework. Previously offered as GEOG 450.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** ENEC 451.

**GEOG 452. Mobile Geographies: The Political Economy of Migration. 3 Credits.**

This course explores the contemporary experience of migrants. Various theoretical approaches are introduced, with the emphasis on a political-economic approach. (GHA)

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work, GL.

**Grading Status:** Letter grade.

**GEOG 453. Political Geography. 3 Credits.**

The geography of politics is explored at the global, the nation-state, and the local scale in separate course units, but the interconnections between these geographical scales are emphasized throughout. (GHA)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 453.

**GEOG 456. Geovisualizing Change. 3 Credits.**

This course investigates the challenges, tools and techniques, and important applications of visualizing and analyzing geographic data that is temporally dynamic. We tackle technical challenges in obtaining, analyzing, and visualizing dynamic processes in space through maps, and discuss the consequences of our choices in how to re/present these processes. Students will produce original geovisualizations of dynamic data related to their field. Recommended preparation: experience with GIS software (GEOG 370 or GEOG 491).

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT.

**Requisites:** Prerequisite, GEOG 370; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**GEOG 457. Rural Latin America: Agriculture, Environment, and Natural Resources. 3 Credits.**

This course explores a systems and cultural-ecological view of agriculture, environment, natural resource, and rural development issues in Latin America. It serves as a complement to GEOG 458 Urban Latin America. (Regional) Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-POWER, RESEARCH.

**Grading Status:** Letter grade.

**GEOG 458. Urban Latin America: Politics, Economy, and Society. 3 Credits.**

This course examines urban social issues in contemporary Latin America. Cities and their residents will be considered in relation to each other and to North American examples. (Regional)

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, GEOG 259; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**GEOG 460. Geographies of Economic Change. 3 Credits.**

This course is designed to explore changing geographies of production and consumption in theory and in practice.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING, RESEARCH.

**Grading Status:** Letter grade.

**GEOG 464. Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe. 3 Credits.**

A survey by topic and country of Europe west of Russia. Those features that make Europe a distinct and important region today are emphasized. (Regional)

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**GEOG 468. Environmental Justice in Urban Europe. 3 Credits.**

While much attention has been given to Europe's "green" cities and the region's examples of sustainable development, less attention has been given to the ways in which the uneven distributions of environmental degradation have social and spatial ramifications within and beyond the region. This course will provide an overview of environmental justice in urban Europe to consider the key concepts, topics, debates, and trends shaping people and places there.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**GEOG 470. Political Ecology: Geographical Perspectives. 3 Credits.**

Examines foundational concepts and methods and their relevance for understanding nature-society relationships. Discussions on environmental change and conflict and how nature is bound up with relations of power and constructions of identity.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**GEOG 477. Introduction to Remote Sensing of the Environment. 3 Credits.**

Covers fundamental theory and mechanics of remote sensing, related theoretical aspects of radiation and the environment, and remote-sensing applications relating to terrestrial, atmospheric, and marine environments. Hands-on experience for application and information extraction from satellite-based imagery through biweekly laboratory assignments. Prepares students for GEOG 577. (GISc)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Requisites:** Prerequisite, GEOG 370.

**Grading Status:** Letter grade.

**GEOG 480. Liberation Geographies: The Place, Politics, and Practice of Resistance. 3 Credits.**

An examination of the theory and history of resistance in the modern world, including instances of contestation from 'foot dragging' to the formation of social movements, and exploring the relationship between place and protest.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.



**GEOG 491. Introduction to GIS. 3 Credits.**

Stresses the spatial analysis and modeling capabilities of organizing data within a geographic information system. (GISci)

**Rules & Requirements**

**Requisites:** Prerequisite, GEOG 370; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** PLAN 491.

**GEOG 492. Radical Black Thought. 3 Credits.**

The premise of this course is that the possibilities articulated by radical Black intellectuals and artists in Africa and its diaspora are key to dismantling systems of oppression. It includes theories of unfreedoms derived from experiences of oppression-colonization, slavery, mass incarceration, racial inequity. It also examines radical Black responses to unfreedoms through practices of mental (de)colonization and moral courage, epistemology and pedagogy, human-earth relationships and environmental justice.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **GEOG 493. Internship. 3 Credits.**

Open to junior and senior geography majors. Geography internships combine substantive geographic work experience with an academic project designed to integrate theory and practice. Field work is included.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**GEOG 541. GIS in Public Health. 3 Credits.**

Explores theory and application of geographic information systems (GIS) for public health. The course includes an overview of the principles of GIS in public health and practical experience in its use. (GISci)

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 542. Neighborhoods and Health. 3 Credits.**

This course explores how neighborhood context influences the health of the populations living in them. It includes a survey of neighborhoods and health theory and empirical examples. (GHA)

**Rules & Requirements**

**Grading Status:** Letter grade.

 **GEOG 543. Qualitative Methods in Geography. 3 Credits.**

This course teaches qualitative methods in geography for graduate and advanced undergraduate students. We will cover interviews, focus groups, visual, and other methodologies. We will also discuss modes of analysis, coding, and writing up qualitative research for publication.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**GEOG 544. Geographic Information Systems for Impact Evaluation and Health Studies. 3 Credits.**

Examines the theory and application of geographic information systems (GIS) for impact evaluation for intervention studies. The course will focus especially on health and economic interventions in the developing world. The course includes an overview of the principles of GIS in impact evaluation and practical experience in its use.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GEOG 555. Cartography of the Global South. 3 Credits.**

This course presents cartographic techniques for better map design, with a focus on mapping the geographies of the Global South. Modern techniques and software will be used for developing and demonstrating proficiency in what are considered standard map design techniques, and we will also study examples from places and map makers outside of dominant cartographic traditions, and maps meant for actors and audiences in the Global South.

**Rules & Requirements**

**Requisites:** Prerequisite, GEOG 370.

**Grading Status:** Letter grade.

 **GEOG 567. Geospatial Data Analysis with Google Earth Engine. 3 Credits.**

This course teaches students key concepts and skills for geospatial data analysis using the rich geospatial data resources, tools, and cloud computing facility on Google Earth Engine for environmental monitoring, mapping, modeling, and visualization. The course will enable students to pursue geospatial data analysis ranging from local to global scales to extract critical information for scientific understanding of the environment and for making science-based policies to address the environmental challenges we face today.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT, RESEARCH.

**Making Connections Gen Ed:** PL, QI.

**Requisites:** Prerequisite, GEOG 370; Permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **GEOG 577. Advanced Remote Sensing. 3 Credits.**

Acquisition, processing, and analysis of satellite digital data for the mapping and characterization of land cover types. (GISci)

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Requisites:** Prerequisite, GEOG 370 or 477.

**Grading Status:** Letter grade.

 **GEOG 591. Applied Issues in Geographic Information Systems. 3 Credits.**

Applied issues in the use of geographic information systems in terrain analysis, medical geography, biophysical analysis, and population geography. (GISci)

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Requisites:** Prerequisite, GEOG 370, 491, or equivalent.

**Grading Status:** Letter grade.

### **GEOG 592. Geographic Information Science Programming. 3 Credits.**

This course will teach students the elements of GISci software development using major GIS platforms. Students will modularly build a series of applications through the term, culminating in an integrated GIS applications program.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Requisites:** Prerequisite, GEOG 370 or 491.

**Grading Status:** Letter grade.

### **GEOG 594. Global Positioning Systems and Applications. 3 Credits.**

Global Positioning Systems (GPS) fundamental theory, application design, post processing, integration of GPS data into GIS and GPS application examples (such as public health, business, etc.) will be introduced.

#### **Rules & Requirements**

**Requisites:** Prerequisite, GEOG 370.

**Grading Status:** Letter grade.

### **GEOG 597. Ecological Modeling. 3 Credits.**

This course focuses on modeling the terrestrial forest ecosystems processes, including population dynamics, energy, water, nutrients, and carbon flow through the ecosystem. (GISci)

#### **Rules & Requirements**

**Requisites:** Prerequisite, BIOL 561 or STOR 455; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

### **GEOG 598. GIS and Systems Modeling. 3 Credits.**

GIS and Systems Modeling are theory and methodology that use GIS, quantitative models, and systems analysis to describe processes, interactions, and feedbacks in complex systems. Simulation experiments of systems models can be used as a "laboratory" to answer many "what if" questions, which can be used for the evaluation of policies and scenarios.

#### **Rules & Requirements**

**Requisites:** Prerequisite, GEOG 370 or 491.

**Grading Status:** Letter grade.

### **GEOG 650. Technology and Democracy Research. 3 Credits.**

Are technological choices open to democratic participation? Through a novel research workshop format, this graduate and undergraduate course explores political and geographical dimensions of technological change around key environmental issues—energy, water, and waste.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** SS, CI, EE- Service Learning.

**Grading Status:** Letter grade.

### **GEOG 691H. Honors. 3 Credits.**

By permission of the department. Required of all students aspiring to honors in geography. Directed readings, research, and writing.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

### **GEOG 692H. Honors. 3 Credits.**

Required of all students aspiring to honors in geography. Preparation of a senior thesis.

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.


**Requisites:** Prerequisite, GEOG 691H.

**Grading Status:** Letter grade.

### **GEOG 697. Capstone Seminar in Geographic Research. 3 Credits.**

A systematic study of the approaches, key concepts, and methods of geography, emphasizing the application of these approaches through hands-on independent research designed and implemented by the students. (Core)

#### **Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING, RESEARCH.

**Grading Status:** Letter grade.

## Contact Information

#### **Department of Geography**

Visit Program Website (<http://geography.unc.edu>)

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## Geography Major, B.A.

Geography is the science of space, place, and environment. The department offers classes spanning the social and natural sciences and offering students training in qualitative, quantitative, spatial analysis and modelling, and lab methodologies. Human geographers study the spatial aspects of human activity, and physical geographers study patterns of climate, land forms, soils, and water. Geographic tools and techniques—including Geographic Information Systems, remote sensing, and online and interactive mapping technologies—are among the most important for exploring and understanding our complex world. Geographic inquiry is global and local, inherently interdisciplinary, and offers skills that enable insights into pressing issues valued by employers and policy makers.

Career opportunities for geographers are wide ranging in the public, private, and nongovernmental sectors. Geographers work in the areas of social, health, and environmental policy; energy, transportation, economic development, and tourism planning; urban and regional planning; research and education; community development; resource management; and environmental regulation and modeling.

With geography you can explore the world and find yourself.

## Student Learning Outcomes

Upon completion of the geography program, students should be able to:








- Apply current research methods in geography
- Construct a coherent, logical research approach to examine a question of geographic significance
- Analyze a geographic landscape and discuss the human and physical influences that have helped create it
- Report satisfaction with the geography major

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
or GEOG 111	 Weather and Climate	
One of the following:		3
GEOG 120	 World Regional Geography	
GEOG 121	 Geographies of Globalization	
GEOG 130	 Development and Inequality: Global Perspectives <sup>F</sup>	
GEOG 370	 Introduction to Geographic Information	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 392	 Research Methods in Geography	3
GEOG 697	 Capstone Seminar in Geographic Research <sup>1</sup>	3
Four GEOG elective courses, at least two of which must be at the 400-level or above.		12
<b>Total Hours</b>		<b>30</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Students wishing to pursue honors in geography are recommended to take the GEOG 697 in the spring of the junior year as preparation for the honors thesis (GEOG 691H and GEOG 692H).







Students are invited (but not required) to navigate through the major using a pathway, which reflects various subfields of geography (for example, urban geography, health geography, climate, international development, social and cultural geography). Students should refer to the full list of pathways below.

All General Education requirements apply. Although the major requires a total of 10 geography courses (30 credit hours), a maximum of 15 geography courses (45 credit hours) can count toward the 120 hours required to graduate. Students wishing more information should consult the director of undergraduate studies.

Geography (GEOG) course descriptions (p. 536).

### Urban Development and Planning Pathway

For the first time in human history over half of the world's population lives in cities. This presents a monumental challenge to politicians, urban planners, and citizens to build sustainable, just, and livable urban spaces. A background in urban geography prepares you for one of the many careers devoted to improving cities and settlements around the globe.

Code	Title	Hours
<b>Core Classes</b>		
GEOG 228	 Urban Geography	3
GEOG 423	Social Geography	3
GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
GEOG 429	 Urban Political Geography: Durham, NC	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3
GEOG 542	Neighborhoods and Health	3
<b>Methods and Research</b>		
GEOG 391	Quantitative Methods in Geography <sup>1</sup>	3
GEOG 392	 Research Methods in Geography <sup>1</sup>	3
GEOG 491	Introduction to GIS <sup>1</sup>	3
GEOG 591	 Applied Issues in Geographic Information Systems <sup>1</sup>	3
GEOG 697	 Capstone Seminar in Geographic Research <sup>2</sup>	3

<sup>1</sup> Qualitative, quantitative, and GIS skills.



<sup>2</sup> Research opportunities.

Pursuing a minor in urban studies and planning (p. 297) may also be of interest.

There are career opportunities in city planning, architecture, real estate development, policy analysis, community development, or civil engineering.







## Diversity and Justice Pathway

How do the places, spaces, and environments that we inhabit reinforce structures of oppression or create the potential for liberation? Social movements and activists have created spatial theories and strategies to change the world: by occupying public space or by fighting for the protection of sacred lands. In our classes, you will learn how power flows through space; that all politics unfolds in places; that everyday life is political; and that environmental issues are connected to social justice. You will also learn tools including mapping technologies, remote sensing, oral histories, and interviews.






Code	Title	Hours
<b>Building Blocks</b>		
GEOG 56	 First-Year Seminar: Local Places in a Globalizing World	3
GEOG 67	 First-Year Seminar: Politics of Everyday Life	3
GEOG 225	Space, Place, and Difference	3
GEOG 228	 Urban Geography	3
<b>Advanced Courses</b>		
GEOG 212	 Environmental Conservation and Global Change	3
GEOG 232	 Agriculture, Food, and Society	3
GEOG 447	Gender, Space, and Place in the Middle East	3
GEOG 470	 Political Ecology: Geographical Perspectives	3
GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3
GEOG 650	 Technology and Democracy Research	3
<b>Methods</b>		
GEOG 491	Introduction to GIS	3
GEOG 541	GIS in Public Health	3
GEOG 543	 Qualitative Methods in Geography	3
GEOG 591	 Applied Issues in Geographic Information Systems	3

## Climatology Pathway

The emphasis of this pathway is on developing an understanding of the Earth's climate system, the impacts of climate on environmental and human sectors, and in gaining quantitative skills that can be used to analyze climate and weather.

Code	Title	Hours
<b>Core Classes</b>		
GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	 Weather and Climate	3
GEOG 412	Synoptic Meteorology	3
GEOG 414	 Climate Change	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
<b>Geography Methods and Skills</b>		
GEOG 391	Quantitative Methods in Geography	3
GEOG 410	 Modeling of Environmental Systems	3
GEOG 477	 Introduction to Remote Sensing of the Environment	3

## Complimentary Methods and Skills

MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
STOR 151	 Introduction to Data Analysis	3
or STOR 155	 Introduction to Data Models and Inference	
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	3
or COMP 116	Introduction to Scientific Programming	











H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.





F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Climate science has growing career opportunities due to renewed interest in current and future climate change. This pathway will position students for non-profit, governmental, and private environmental jobs, as well as for advanced study in climatology.

## International Development and Globalization Pathway

The international development and globalization pathway will prepare students with the practical tools and intellectual framework to become participants and leaders in the world of international development. Students might continue their studies in graduate school, work for an international non-governmental organization, pursue a career in diplomacy, or work with social movements.









Code	Title	Hours
<b>Building Block Courses</b>		
GEOG 120	 World Regional Geography	3
GEOG 121	 Geographies of Globalization	3
GEOG 123	 Cultural Geography	3
GEOG 130	 Development and Inequality: Global Perspectives <sup>F</sup>	3
<b>Region Specific</b>		
GEOG 259	 Society and Environment in Latin America	3
GEOG 265	Eastern Asia	3
GEOG 266	 Society and Environment in Southeast Asia	3
GEOG 267	 South Asia	3
GEOG 268	 Geography of Africa	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
<b>Advanced Concepts</b>		
GEOG 423	Social Geography	3
GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
GEOG 453	 Political Geography	3

GEOG 460	 Geographies of Economic Change	3
GEOG 470	 Political Ecology: Geographical Perspectives	3
<b>Contemporary Issues</b>		
GEOG/GLBL 210	 Global Issues and Globalization	3
GEOG 435	 Global Environmental Justice	3
GEOG 447	Gender, Space, and Place in the Middle East	3
GEOG 448	Transnational Geographies of Muslim Societies	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## GIScience

Geographic information science (GIScience) emphasizes geographic information technologies, their real-world applications, and the science and technology underlying them. These technologies include geographic information systems (GIS), satellite remote sensing, global positioning systems, computer cartography, terrain analysis, and geospatial visualization. These skills are in high demand, giving students a competitive edge to pursue careers in the private, public, and non-profit sectors.












Code	Title	Hours
<b>GIScience Courses</b>		
GEOG 370	 Introduction to Geographic Information	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 410	 Modeling of Environmental Systems	3
GEOG 477	 Introduction to Remote Sensing of the Environment	3
GEOG 541	GIS in Public Health	3
GEOG 577	 Advanced Remote Sensing	3
GEOG 591	 Applied Issues in Geographic Information Systems	3
GEOG 592	 Geographic Information Science Programming	3
GEOG 594	Global Positioning Systems and Applications	3
GEOG 597	Ecological Modeling	3
<b>Courses Outside of Geography</b>		
COMP 116	Introduction to Scientific Programming	3
COMP 401	Foundation of Programming <sup>H</sup>	4
COMP 410	Data Structures	3
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 577	Linear Algebra	3
ENVR/ENEC 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Geography of Health and Disease

Health geography takes a socio-ecological approach, rather than a biomedical approach to understanding the occurrence of human disease and wellbeing. This is a highly integrated field, requiring knowledge of social systems, environmental systems, and the etiology and ecology of disease. In addition, geospatial technologies such as geographic information systems, satellite remote sensing, and geographic analysis are powerful tools in the study and management of human diseases. This pathway will prepare students for a career in the spatial, social, and ecological dimensions of public health, as well as for graduate school in the spatial health sciences.











Code	Title	Hours
<b>Health Courses in Geography</b>		
GEOG 60	 First-Year Seminar: Health Care Inequalities	3
GEOG 222	Health and Medical Geography	3
GEOG 446	Geography of Health Care Delivery	3
GEOG 451	 Population, Development, and the Environment	3
GEOG 542	Neighborhoods and Health	3
<b>Geography Methods &amp; Skills</b>		
GEOG 232	 Agriculture, Food, and Society	3
GEOG 269	 Human-Environment Interactions in the Galapagos Islands	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 410	 Modeling of Environmental Systems	3
GEOG 451	 Population, Development, and the Environment	3
<b>Classes Outside Geography</b>		
ANTH 319	 Global Health	3
BIOL 101	 Principles of Biology <sup>H, F</sup>	3
SOCI 121	Population Problems	3
SOCI 172	 Introduction to Population Health in the United States	3
STOR 151	 Introduction to Data Analysis	3
STOR 155	 Introduction to Data Models and Inference <sup>F</sup>	3
STOR 358	Sample Survey Methodology	4

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Political Ecology

Political ecologists study the reciprocal and dynamic relations between society and nature. How do markets, social relations, and populations influence resource governance practices and vice versa? Whose voices and ideas count in the creation of protected areas, or in the decisions about where toxic waste and trash are deposited? When and how do decision makers or community members mobilize scientific knowledge to pursue environmental and ethical commitments? The political ecology pathway in geography offers a cross-disciplinary approach for answering such questions and, more broadly, for studying the relationship between the economy, politics, and ecology.












Code	Title	Hours
<b>Core Courses</b>		
GEOG 141	 Geography for Future Leaders	3
GEOG 212	 Environmental Conservation and Global Change	3
GEOG 232	 Agriculture, Food, and Society	3
GEOG 414	 Climate Change	3
GEOG 435	 Global Environmental Justice	3
GEOG 470	 Political Ecology: Geographical Perspectives	3
<b>Methods and Skills <sup>1</sup></b>		
GEOG 370	 Introduction to Geographic Information	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 392	 Research Methods in Geography	3
GEOG 222	Health and Medical Geography	3
<b>Classes Outside of Geography</b>		
ANTH 139	Ecological Anthropology	3
ANTH 151	 Anthropological Perspectives on Food and Culture	3
ANTH/NUTR 175	 Introduction to Food Studies: From Science to Society	3
ANTH 238	 Human Ecology of Africa	3
ANTH 306	Water and Inequality: Anthropological Perspectives	3
ANTH 320	Anthropology of Development	3

<sup>1</sup> More advanced quantitative and GIS courses are very useful to students wishing to pursue professional paths in this field.

## Culture, Society, and Space

How are our identities, experiences, and daily practices shaped by the places that we live in? How do we transform our environments to reflect who we are? These questions underpin key debates about culture and society today. Cultural and social geographers study the relationships among culture, society, space, and place. Their research examines the dynamic geography of cultural and societal change due to, for example, migration, technological developments, or religious movements. The culture, society, and space pathway in geography prepares students for work in international NGOs and the public and private sectors,

specializing in cultural and social issues, as well as training students for graduate school in the social sciences and humanities.

Code	Title	Hours
<b>Core Courses</b>		
GEOG 120	 World Regional Geography	3
GEOG 121	 Geographies of Globalization	3
GEOG 123	 Cultural Geography	3
GEOG 124	 Feminist Geographies	3
GEOG 125	Cultural Landscapes	3
GEOG 225	Space, Place, and Difference	3
GEOG 281	Ethnographies of Globalization: From 'Culture' to Decolonization	3
GEOG 423	Social Geography	3
GEOG 424	 Geographies of Religion	3
GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 447	Gender, Space, and Place in the Middle East	3
<b>Methods and Skills</b>		
GEOG 115	Maps: Geographic Information from Babylon to Google	3
GEOG 370	 Introduction to Geographic Information	3
GEOG 391	Quantitative Methods in Geography	3
GEOG 392	 Research Methods in Geography	3
<b>Classes Outside Geography</b>		
ANTH 102	 Introduction to Cultural Anthropology	3
ANTH 120	Anthropology through Expressive Cultures	3
ANTH 259	Culture and Identity	3
ANTH 428	Religion and Anthropology <sup>H</sup>	3
COMM 140	 Introduction to Media History, Theory, and Criticism <sup>F</sup>	3
COMM 450	 Media and Popular Culture	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Special Opportunities in Geography

### Joint Degree Program with the National University of Singapore (NUS)

The Department of Geography is one of several departments offering a joint degree in conjunction with the National University of Singapore (NUS). Students in the program will spend one or two years studying geography at NUS, and their diploma will be jointly granted by both universities.

## Honors in Geography







Qualifying students are encouraged to pursue an honors degree. To gain admission to the honors program students must have a cumulative grade point average of 3.3 or higher and a grade point average of 3.4 or higher in geography courses. Honors students take GEOG 691H and GEOG 692H (honors readings and research and theses hours) with their honors thesis chair in their senior year. Honors study involves the completion of a substantial piece of original research and the formal presentation of the results in an honors thesis and oral defense. Those who successfully complete the program are awarded their B.A. degree with either honors or highest honors in geography.

## Departmental Involvement

All students are welcomed and encouraged to attend the department's seminar, held on most Friday afternoons at 3:35 p.m. in Carolina Hall 220. The department sponsors the Carolina Geography Club, which provides an avenue for student involvement with the department outside of course work (see the club's Facebook page). Students can also interact with the department through service on the faculty undergraduate committee and through independent research with faculty.

## Experiential Education

The department offers several experiential education courses:

Code	Title	Hours
GEOG 53	 First-Year Seminar: Battle Park: Carolina's Urban Forest	3
GEOG 419	Field Methods in Physical Geography	3
GEOG 429	 Urban Political Geography: Durham, NC	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 493	 Internship	3
GEOG 650	 Technology and Democracy Research	3
GEOG 691H	 Honors	3
GEOG 692H	 Honors	3

## Internship

Students can gain course credit by interning with an organization, agency, or business that will augment their classroom learning. The department has an internship coordinator available to assist students find internships and to manage participation in the organization's activities. Internship can be taken with a geography faculty member for academic credit through GEOG 493.

## Independent Study

Independent study with a geography faculty member can be taken for academic credit through GEOG 296. Students are responsible for arranging their independent study with a faculty member who will sponsor them for this activity. Students must fill out a learning contract and syllabus in collaboration with the sponsoring faculty member and then be enrolled by Nell Phillips in the department office. For more information, contact the individual faculty member or the director of undergraduate studies.

## Undergraduate Research

Research with a geography faculty member can be taken for academic credit through GEOG 295. Students are responsible for arranging their research activities and responsibilities with a faculty member who will

sponsor them for this activity. Students must fill out a learning contract with the sponsoring faculty member and then be enrolled by Nell Phillips in the department office.

## Study Abroad

Experiences with other cultures and environments are important to a sound background in geography, and thus the department encourages a study abroad experience. Many of our students study abroad in the Galapagos Islands at the Galapagos Science Center. The department also participates in a junior-year exchange program with King's College London. Many other study abroad programs combine well with a major in geography.

## Undergraduate Awards

The Andrew McNally Award is given each spring to an outstanding graduating geography major, as chosen by a committee of the faculty. The department also administers the Melinda Meade Award for Excellence in Undergraduate Geographic Research, the John D. Eyre Service in Geography Award, as well as the John D. Eyre Travel Award, and the Burgess McSwain Travel America Fund, which are open to all undergraduates at UNC-Chapel Hill.

## Department Programs

### Major

- Geography Major, B.A. (p. 546)

### Minor

- Environmental Justice Minor (p. 551)
- Geography Minor (p. 553)
- Geographic Information Sciences Minor (p. 554)

### Graduate Programs

- M.A. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography/>)
- Ph.D. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography/>)

## Contact Information

### Department of Geography

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## Environmental Justice Minor

The minor in Environmental Justice (EJ) focuses on the intersections of inequity, the environment, and justice. The minor introduces the

field's historical foundations in scholarship on race, inequity, and social movements with of focus on their relation to environmental concerns and provides an overview of environmental justice movement work and literature from local to global scales. The goal of the minor is to provide a starting-point for understanding the meaning, significance, and potential of environmental justice as a field of action and inquiry in relation to questions of development and social difference, and in various geographic contexts. Students who complete the minor will engage with an interdisciplinary curriculum that emphasizes intersecting ideas about landscapes, ecosystems, and environmental health with questions of race, economic production, and power inequities. Students will also use geographic approaches to space, place, and scale to conceptualize, contextualize, and analyze a wide range of environmental justice related topics, and learn about tools and political processes that can be used to address environmental justice concerns. Relevant topics include, for example, the uneven social experiences with food, water, health and land access; exposures to pollution; risks to health and wellbeing; infrastructural inequities; resource extraction; colonization; and climate change.

Required courses provide an introduction to EJ and build insight into how different people, in different contexts, have looked to environmental justice framing and practices for inspiration in social and community movements, justice-oriented governance, formal state and inter-state regulatory bodies, and planning for environmental change.


## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

A minimum of 4 courses (12 credit hours) is required to complete the minor.

Code	Title	Hours
<b>Core Requirements</b>		
GEOG 240	Introduction to Environmental Justice	3
GEOG 435	 Global Environmental Justice	3
	One elective course from List One (see below)	3
	One elective course from either List One or List Two (see below)	3
<b>Total Hours</b>		<b>12</b>




### List One

Code	Title	Hours
GEOG 125	Cultural Landscapes	3
GEOG 232	 Agriculture, Food, and Society	3
GEOG 259	 Society and Environment in Latin America	3
GEOG 262	Geography of North Carolina	3
GEOG 266	 Society and Environment in Southeast Asia	3
GEOG 281	Ethnographies of Globalization: From 'Culture' to Decolonization	3



GEOG 414	 Climate Change	3
GEOG 436	Governance, Institutions, and Global Environmental Change	3
GEOG 437	 Social Vulnerability to Climate Change	3
GEOG 446	Geography of Health Care Delivery	3
GEOG 451	 Population, Development, and the Environment	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
GEOG 470	 Political Ecology: Geographical Perspectives	3
GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3
GEOG 542	Neighborhoods and Health	3
AMST 351	Global Waters, American Impacts, and Critical Connections	3
ANTH 335	The Commons, Ecology, and Human Futures	3
ANTH 439	 Political Ecology	3
ANTH 446	Poverty, Inequality, and Health	3
ANTH 539	 Environmental Justice	3
ANTH 540	Planetary Crises and Ecological and Cultural Transitions	3
PHIL 273	 Justice, Rights, and the Common Good: Philosophical Perspectives on Social and Economic Issues	3
PHIL 274	 Race, Racism, and Social Justice: African-American Political Philosophy <sup>H</sup>	3
PHIL/ENEC 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics	3
SOCI 122	 Race and Ethnicity	3
SOCI 421	Environmental Sociology	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### List Two

Code	Title	Hours
AAAD/POLI 333	 Race and Public Policy in the United States	3
ANTH/ENEC 237	 Food, Environment, and Sustainability	3
ANTH 306	Water and Inequality: Anthropological Perspectives	3
COMM 375	Environmental Advocacy	3
ENEC 325	 Water Resource Management and Human Rights <sup>H</sup>	3-4
ENEC 309	Environmental Values and Valuation	3
ENEC 350	 Environmental Law and Policy	3
MEJO 560	Environmental and Science Journalism <sup>H</sup>	3
MEJO 562	Environmental and Science Documentary Television	3
HIST 235	 Native America in the 20th Century	3
HIST 241	History of Latinos in the United States	3
HIST 273	 Water, Conflict, and Connection in the Middle East	3



HIST 382	The History of the Civil Rights Movement <sup>H</sup>	3
PHIL 280	 Morality, Law, and Justice: Issues in Legal Philosophy <sup>H</sup>	3
PHIL 364	 Ethics and Economics	3
SOCI 411 or SOCI 413	Social Movements Social Movements, Experiential	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 550) for special opportunities.

## Department Programs

### Major

- Geography Major, B.A. (p. 546)

### Minor

- Environmental Justice Minor (p. 551)
- Geography Minor (p. 553)
- Geographic Information Sciences Minor (p. 554)

### Graduate Programs

- M.A. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography/>)
- Ph.D. in Geography (<http://catalog.unc.edu/graduate/schools-departments/geography/>)

## Contact Information

### Department of Geography

Visit Program Website (<http://geography.unc.edu>)  
205 Carolina Hall, CB# 3220  
(919) 962-8901

### Chair

Conghe Song  
csong@email.unc.edu

### Director of Undergraduate Studies

Nina Martin  
ninam@email.unc.edu

### Undergraduate Program Administrator

Nell Phillips  
nphillip@email.unc.edu

## Geography Minor

Geography is the science of space, place, and environment. The department offers classes spanning the social and natural sciences and offering students training in qualitative, quantitative, spatial analysis and modelling, and lab methodologies. Geography minors have the opportunity to augment their major by adding a spatial perspective to the big questions of how, where, and why we live the way we do, in the world that we all share.

The geography minor pairs well with majors in the humanities, social, and natural sciences. Common majors include anthropology, biology,

environment and ecology, environmental sciences and engineering, global studies, peace, war, and defense, political science, and public policy.







## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

To minor requires five geography courses.

Code	Title	Hours
<b>Core Requirements</b>		
Any two core courses:		6
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	
GEOG 111	 Weather and Climate	
GEOG 120	 World Regional Geography	
GEOG 121	 Geographies of Globalization	
GEOG 130	 Development and Inequality: Global Perspectives <sup>F</sup>	
GEOG 370	 Introduction to Geographic Information	
GEOG 697	 Capstone Seminar in Geographic Research	
Three GEOG elective courses		9
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Elective courses may be any on the departmental list (p. 536), but students are encouraged to take higher-numbered courses. Students wishing more information should consult their academic advisor or the geography director of undergraduate studies.

See the program page here (p. 550) for special opportunities.

## Department Programs

### Major

- Geography Major, B.A. (p. 546)

### Minor

- Environmental Justice Minor (p. 551)
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- Geographic Information Sciences Minor (p. 554)

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### Undergraduate Program Administrator

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[nphillip@email.unc.edu](mailto:nphillip@email.unc.edu)

## Geographic Information Sciences Minor



Geographic information sciences (GISc) is the study of geospatial phenomena using an integrated set of spatial digital technologies including tools, techniques, concepts, and datasets associated with geographic information systems, remote sensing, data visualization, global positioning systems, spatial analysis, and quantitative methods. The GISc minor provides cutting-edge training in geographic information systems (GIS), remote sensing (RS), and global positioning systems (GPS) and their application in solving real world problems. Students who complete the program will be ready to enter the job market with a competitive advantage in geographic information sciences.






## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
GEOG 215	 Introduction to Spatial Data Science	3
GEOG 370	 Introduction to Geographic Information	3
Select three courses from the following list:		9

ANTH 419	Anthropological Application of GIS
GEOG 456	 Geovisualizing Change
GEOG 477	 Introduction to Remote Sensing of the Environment
GEOG/PLAN 491	Introduction to GIS
GEOG 541	GIS in Public Health
GEOG 544	Geographic Information Systems for Impact Evaluation and Health Studies
GEOG 555	Cartography of the Global South
GEOG 577	 Advanced Remote Sensing
GEOG 591	 Applied Issues in Geographic Information Systems
GEOG 592	 Geographic Information Science Programming
GEOG 594	Global Positioning Systems and Applications

**Total Hours** **15**

This minor is open to all undergraduate students. For geography majors and minors, please note that no more than 45 hours of GEOG course credit may be used toward fulfilling the B.A. graduation requirement in the College of Arts and Sciences.

See the program page here (p. 550) for special opportunities.

## Department Programs

### Major

- Geography Major, B.A. (p. 546)

### Minor

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- Geography Minor (p. 553)
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# Department of Germanic and Slavic Languages and Literatures

## Introduction

The Department of Germanic and Slavic Languages and Literatures offers instruction and conducts research in the languages, literatures, and cultures of central, northern, and eastern Europe. It offers multiple tracks for undergraduate study for those interested in German programs (two concentrations), Slavic programs (two concentrations), and Central European studies (one concentration). A major in Germanic and Slavic languages and literatures provides preparatory training that will be useful in government employment, internationally-oriented business, journalism, law, the sciences, and teaching; as well as preparing students for graduate study in a range of humanistic and social science disciplines.

## Advising

Students can complete any concentration, even if they have no prior experience in the language, provided that they begin taking their language courses as first-year students. It is also very possible for transfer students to complete the concentrations, provided they enter the program with some knowledge of the associated language(s).

All majors and minors have a primary academic advisor in Steele Building. Students should meet regularly with their primary advisor and review their Tar Heel Tracker each semester.

However, departmental academic advising is also important for all students majoring or minoring in the department. Current and prospective majors and minors should confer with the department's director, or assistant director, of undergraduate studies regarding plans of study, study abroad course approvals, internship opportunities, and transfer credit.

Students seeking certification to teach German or Russian in public schools should consult advisors in the School of Education.

## Graduate School and Career Opportunities

In an age of rapid internationalization and globalization, proficiency in a foreign language is no longer just an auxiliary skill but a necessary one. Courses offered in the department make up an important part of a liberal education, and a major or minor can provide excellent preparation for many careers, particularly when the major or minor is combined with courses in business, economics, political science, journalism, and various other fields. Recent graduates have entered careers in international business, journalism, publishing, the sciences, and the travel industry.

A bachelor of arts with a major in Germanic and Slavic languages and literatures also qualifies graduates for positions in the U.S. Department of State and other government agencies, educational organizations, foundations, and travel organizations. The presence of over 100 German and Swiss firms in the Carolinas testifies to the demand for a high degree of German linguistic and cultural literacy in college graduates. The department is also one among very few in the United States that offers a range of critical and/or less commonly taught languages of Central and Eastern Europe. People who know these languages are in particularly high demand in business and government.

The U.S. government designates Russian as one of the languages vital for national security and economic competitiveness. The Russian Language Flagship Program (<https://russian.unc.edu/>) is a national

initiative created to answer that critical need. The University of North Carolina Chapel Hill Russian Flagship Program (UNCRFP) is a federally funded initiative that supports motivated undergraduate students of all majors to attain a professional level of proficiency in the Russian language.

In addition, the demand for language teachers provides career opportunities for those German and Russian majors who also receive teaching certification from the School of Education.

German and Slavic majors often go on to graduate programs in comparative literature, linguistics, history, law, international business and management, international relations, professional translation, medicine, and education. Some pursue careers as college professors. Many Chapel Hill German and Slavic majors have been welcomed by the most prestigious graduate programs in the country. The department's faculty members can assist undergraduate majors in selecting appropriate graduate programs.

## Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 580)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 584)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 586)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 590)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 592)

## Minors

- German Minor (p. 595)
- Russian Culture Minor (p. 597)
- Slavic and East European Languages and Cultures Minor (p. 599)

## Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

## Professors

Ruth von Bernuth, Eric Downing, Richard Langston, David Pike, Paul Roberge.

## Associate Professors

Radislav Lapushin, Priscilla Layne, Inga Pollmann, Aleksandra Prica, Stanislav Shvabrin, Gabriel Trop.

## Assistant Professors

Adi Nester, Eliza Rose.

## Teaching Associate Professor

Eleonora Magomedova.

## Adjunct Associate Professor

Dan Thornton.

## Teaching Assistant Professors

Natalia Chernysheva, Matthew McGarry.

## Professor of the Practice

Adnan Džumhur.

## Lecturers

Agnieszka Majewska, Kirill Tolpygo.

## Professors Emeriti


Clayton Koelb, Madeline G. Levine, Hana Pichova, Peter Sherwood.

## Associate Professors Emeriti

Lawrence Feinberg, Walter K. Francke, Christopher R. Putney, Ivana Vuletic.

## Courses

### GSSL–Germanic and Slavic Languages and Literatures Undergraduate-level Courses

 **GSSL 50. First-Year Seminar: Literary Fantasy and Historical Reality. 3 Credits.**

The intersection of literary fantasy with historical reality considered in two ways: (1) fantastic-looking tales based on historical reality; and (2) stories describing fantastic situations that actually came true. Previously offered as GERM 50.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

 **GSSL 51. First-Year Seminar: Stalin and Hitler: Historical Issues in Cultural and Other Perspectives. 3 Credits.**


Critical issues that dominated the 20th century: WWI and Bolshevik Revolution; rise of fascism, Lenin, Stalin, Hitler and their roles; origins and evolution of Cold War; collapse of Eastern Bloc. Previously offered as GERM 51.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

 **GSSL 52. First-Year Seminar: Nature and Death: Ecological Crises in German Literature and Film. 3 Credits.**


This seminar explores ecological crises and their depiction in German literature and film. We will focus on the central themes of nature and death. The texts and films we will discuss will range from early Romantic fairy tales to present-day documentaries and climate-change literature (cli-fi). We will encounter (human) animals in crisis. Together, we will face nuclear catastrophes, flooding, landslides, mass extinction, and climate change. Films with English subtitles; readings and discussions in English.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **GSSL 53. First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem. 3 Credits.**


Introduction to pre-Christian culture of Germany, Anglo-Saxon England, and Scandinavia from the late Roman Empire through the Viking Age, as preserved in myths, sagas, charms, inscriptions, and historical documents. Previously offered as GERM 53.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

 **GSSL 54. First-Year Seminar: Once upon a Fairy Tale: Fairy Tales and Childhood, Then and Now. 3 Credits.**

Fairy tales from different national traditions and historical periods read through various critical lenses, against a backdrop of changing historical conceptions of the child. Works from Grimm, Anderson, Brontë, Disney, etc. Students may not receive credit for both GSSL 54 and GERM 279/CMPL 279. Previously offered as GERM 54.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **GSSL 55. First-Year Seminar: Fantasies of Rome: Gladiators, Senators, Soothsayers, and Caesars. 3 Credits.**

Introduces students to study of humanities by examining how the idea of Rome evolved through poetry, history, philosophy, opera, even forgery into a concept that has long outlasted the Romans. Previously offered as GERM 55.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, CI, WB.

**Grading Status:** Letter grade.

 **GSSL 56. First-Year Seminar: Germans, Jews, and the History of Anti-Semitism. 3 Credits.**

This course seeks to explore the historically difficult position of minorities in the modern world, using the situation of Jews in Germany from the 18th century to the Holocaust as a case study. Previously offered as GERM 56.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, CI, NA.

**Grading Status:** Letter grade.

**Same as:** JWST 56.

 **GSSL 59. First-Year Seminar: Moscow 1937: Dictatorships and Their Defenders. 3 Credits.**

Stalinist Soviet Union serves as a case study to examine how dictatorships develop and how they tend to be enveloped in justifications and kept in existence by outside observers. Previously offered as GERM 59.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

 **GSSL 60. First-Year Seminar: Avant-Garde Cinema: History, Themes, Textures. 3 Credits.**


Students explore the international history, filmic techniques and cultural meanings of non-narrative cinema of the 20th century. Students also transform in-class discussions and individual essays into video projects. Previously offered as GERM 60.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **GSSL 63. First-Year Seminar: Performing America. 3 Credits.**


The intersection of performance in a theater space and in everyday life will serve as a springboard to investigating the diversity of contemporary America. Examines how race, class, religion, sexuality, sexual orientation, history, and death are performed in America today. Previously offered as GERM 63.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **GSSL 67. First-Year Seminar: Blackness in the European Imaginary, Europe in the Black Imaginary. 3 Credits.**


This seminar deals with how encounters between Europe and the African Diaspora have changed notions of race, nation, identity, and belonging in the 20th century. Through engaging with diverse texts—literary, nonliterary, and visual—we will explore the construction of blackness in various national and historical contexts. Previously offered as GERM 67.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** GL, NA.

**Grading Status:** Letter grade.

 **GSSL 68. First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy. 3 Credits.**

This course focuses on three powerful affective states that challenge the conception of humans as autonomous, independent beings: intensity, vitality, and ecstasy. We will examine both philosophical and artistic representations of these particular states, focusing on the way in which they both endanger and enrich our experience of the world. Previously offered as GERM 68. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

 **GSSL 69. First-Year Seminar: Laughing and Crying at the Movies: Film and Experience. 3 Credits.**


Why is it that we cry at the movies? We will focus on the melodrama but also look at comedy and horror to think about emotional responses to films. Students will learn the basics of film analysis, gain an overview of genre cinema, and study approaches to emotion, affect, and the body.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

 **GSSL 70. First-Year Seminar: Teenage Kicks: Race, Class, and Gender in Postwar Youth Cultures. 3 Credits.**

This seminar investigates youth cultures from the 1940s to the present in the United States and around the world. It offers students a history of how different youth cultures developed over time, and consideration of how the constitution of youth cultures has been influenced by factors like race, class, and gender.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA, EE- Mentored Research, GL.

**Grading Status:** Letter grade.

 **GSSL 75. First-Year Seminar: The Book of Books: Literature and the Bible. 3 Credits.**


This seminar examines the influence the Bible had on great works of Western literature and traces this powerful literary tradition through different cultures and historical periods. Readings and discussions in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-PAST.


**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **GSL 76. First-Year Seminar: Uncharted Territory: Underworlds in Literature and the Visual Arts. 3 Credits.**

This course examines concepts and representations of underworlds in literature and the visual arts from the ancient world to the Middle Ages and Renaissance to modernity. Our journey will take us to the realms of the afterlife as well as into the abyss of the human psyche and the shady areas of underground criminal activities. We will explore how the desire to know the beyond has triggered people's imagination, inspired literary and artistic traditions.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-PAST.  
**Grading Status:** Letter grade.

 **GSL 80. Not Just Dogs: Animals in Russian Literature. 3 Credits.**

This course explores the question of the animal in the works of major Russian writers (Gogol, Dostoevsky, Tolstoy, Turgenev, Chekhov, Platonov). Among the topics to be discussed are: The animal as the other; animal and human natures: dominance and submission, ethics of human/animal relations, and the trope of "talking" animals. Readings and discussions in English.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-PAST.  
**Making Connections Gen Ed:** LA, BN.  
**Grading Status:** Letter grade.

 **GSL 82. First-Year Seminar: Doctor Stories. 3 Credits.**

Explores and reflects on the experience and significance of being a doctor in Russia and the United States, analyzing "doctors' stories" presented in fiction, nonfiction, film, and other media. Previously offered as SLAV 82.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** LA.  
**Grading Status:** Letter grade.

 **GSL 83. First-Year Seminar: We, Robots: Identifying with our Automated Others in Fiction and Film. 3 Credits.**

The word "robot" was invented by Czech author Karel Capek in 1920. Science fiction has had a long-running obsession with robots. Fiction and film dream up robots who have mastered and often surpassed the strange art that is being human. In this class, we will read and watch stories about robots from East and Central Europe, with occasional detours into American culture. Films with English subtitles; readings and discussions in English.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** LA, BN.  
**Grading Status:** Letter grade.

 **GSL 84. First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History. 3 Credits.**

Terror was used as a political weapon in 19th-century Russia. This seminar introduces the terrorists through their own writings and fictional representations in novels by Fyodor Dostoevsky and Joseph Conrad. Previously offered as SLAV 84.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** LA, BN, CI.  
**Grading Status:** Letter grade.

 **GSL 85. First-Year Seminar: Children and War. 3 Credits.**

Readings for this seminar include children's wartime diaries, adult memoirs of child survivors, and fiction from Central and Eastern Europe. Previously offered as SLAV 85.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** LA, GL.  
**Grading Status:** Letter grade.

 **GSL 87. First-Year Seminar: Literature Confronting Totalitarianism. 3 Credits.**

What is totalitarianism? Can a portrayal of suffering, even death, under a totalitarian state, have artistic value, or must it remain only a political pamphlet? This seminar studies authors who reveal the crimes of totalitarianism, while also showing the moral strength and/or weaknesses of humans victimized by the totalitarian state.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** LA.  
**Grading Status:** Letter grade.

 **GSL 88H. First-Year Seminar: Gender and Fiction in Central and Eastern Europe. 3 Credits.**

An introduction to the region, this course examines the role of gender in central and east European literature from the end of the 19th century to contemporary times. Course materials include novels, films, historical readings, and essays. Readings and class discussions in English. Previously offered as SLAV 88H.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** LA, BN.  
**Grading Status:** Letter grade.

 **GSL 89. First-Year Seminar: Special Topics in Germanic and Slavic Languages and Literatures. 3 Credits.**

Special topics course. Content will vary each semester.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

 **GSSL 212. "Game of Thrones" and the Worlds of the European Middle Ages. 3 Credits.**

This course offers a historical perspective on the adaptation of medieval culture in "Game of Thrones." We will focus on topics such as family, politics, religion, violence, gender, slavery, outcasts, knighthood, travel, heroes, myths, and magic. Readings and discussions in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**GSSL 218. Christianity and Islam in the Middle Ages. 3 Credits.**


This course draws on a variety of cultural documents to explore both the conflict and cross fertilization between the Christian and Islamic cultures of the Middle Ages. Readings and discussions in English. Previously offered as GERM 218.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 218.

 **GSSL 225. Popular and Pious: Early Modern Jewish Literature. 3 Credits.**

This seminar covers popular and pious literature written by and for Jews in the 15th to 18th century in German-speaking countries. Originally written in Old Yiddish, this literature preserved the popular European genres and nonfiction accounts of Jewish community and family life. Previously offered as GERM 225.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** JWST 225.

**GSSL 254. The Division of Germany, Reunification, and Conflict with Russia. 3 Credits.**

Why was occupied Germany divided into two states after World War II? Were the Cold War and division inevitable? We explore these questions in two chronological contexts: 1945-1949 and 1989-present, with emphasis on the reemergence of Western conflict with Putin's Russia. Readings and discussions in English. Previously offered as GERM 254. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**GSSL 255. Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today). 3 Credits.**

This course investigates the central role played by the "German question" in the break-up of the wartime alliance, the emergence of East-West political blocs, the subsequent dissolution of the USSR, and the return to new Russian-Western antagonisms. Readings and discussions in English. Previously offered as GERM 255.

**Rules & Requirements**


**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

 **GSSL 259. Ideology and Aesthetics: Marxism and Literature. 3 Credits.**

This seminar provides students with a general introduction to Marxist thought with particular attention to its critical importance for interpreting the role of ideology in modern literature. Readings and class discussions in English. Previously taught as GSSL 251.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** CMPL 259.

**GSSL 260. From Berlin to Budapest: Literature, Film, and Culture of Central Europe. 3 Credits.**

Central Europe, at the center of dramatic historical changes--WWI, emergence of independent nation states, WWII and Holocaust, Communism and its end, incorporation into the European Union--produced unprecedented cultural results. The creative voices of writers and filmmakers have relevance far beyond this region.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**GSSL 268. Cultural Trends in Post-Communist Central Europe: Search for Identity, Importance of Jewish Voices. 3 Credits.**

We will study how contemporary literary and cinematic works of Central European intellectuals serve as reflections on the everyday life of this region. Readings and class discussions in English. Films with English subtitles.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** JWST 268.

**GSSL 269. Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks. 3 Credits.**

This course examines the roles and representations of Jews in the world of the theater from Shakespeare's *The Merchant of Venice* to the present, considering dramas, operas, musicals, film adaptations, and films. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 269, JWST 269.

**GSSL 270. German Culture and the Jewish Question. 3 Credits.**

A study of the role of Jews and the "Jewish question" in German culture from 1750 to the Holocaust and beyond. Discussions and texts (literary, political, theological) in English. Previously offered as GERM 270.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 270, JWST 239, RELI 239.

**GSSL 271. Vampires and Empires. 3 Credits.**

An examination of the vampire in the visual and verbal cultures of Central and Eastern Europe, and the popular adaptation of "vampirism" in the West. All materials and discussions in English. Previously offered as HUNG 271.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.


**GSSL 272. Poland, Russia, and Germany through the Prism of Film. 3 Credits.**

Explore the relationship between Poland, Russia, and Germany from World War II until the present day, through films and readings that cover World War II, the fall of Communism in Europe, the Holocaust and the post-war situation of Jews, religious faith, Putin's politics, women's rights, and the current refugee situation in Germany. Film directors include Balabanov, Becker, Fassbinder, Kalatozov, Holland, Mikhalkov, Polanski, Wajda, and Wenders. Readings and class discussions in English. Films with English subtitles.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

 **GSSL 273. Close Your Eyes and See a Film: The Documentary in Central Europe. 3 Credits.**


Aesthetic experiment, agit-prop tool, and instrument of social critique: documentary film is a flexible form. In the Socialist Bloc, documentary was sanctioned by the state but often used to undermine state power. This course is a survey of Polish, Czech, Yugoslav and Hungarian documentary film. We will explore studio productions alongside home movies, amateur films, and art films. Does documentary simply record reality, or can it change reality too? Readings & discussions in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

 **GSSL 274. Representing the Holocaust: Mediating Trauma in Art and Theory. 3 Credits.**

This course will explore artistic mediations of the Holocaust in literature, film, and beyond. It focuses on questions of representation, authenticity, appropriateness and uniqueness, the role of memory, the problems and limits of language in articulating the Shoah, and issues of trauma and justice. Readings and class discussions in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Grading Status:** Letter grade.

**Same as:** JWST 274.

**GSSL 278. Music, Image, Text. 3 Credits.**

This course examines the relationship between text, music, and the visual arts, focusing on the way in which nonliterary aesthetic content may both mediate and call into question cultural values.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**GSSL 279. A River Runs Through It: Cultural Geography Through Imaginative Literature. 3 Credits.**

This course looks at cultural geography through the lens of literature about rivers. After a brief survey of the world's major rivers and a short dive into the way environmental science seeks to understand rivers, classes are devoted to poems, stories, novels, histories, and even science fiction about rivers. Students engage in mentored research culminating in a substantial essay. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**GSSL 280. The Dialectic of Whiteness and Blackness in Atlantic Cultures. 3 Credits.**

Traces the invention of race, racism, and discourses of cultural inferiority/superiority throughout Western culture. What historical events created the necessity for racist thinking? How did colonialism and transatlantic migration change Atlantic cultures? Why did black culture become fashionable? Is the 21st century "post-racial"? Readings and course descriptions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, NA.

**Grading Status:** Letter grade.

**GSSL 281. Holocaust Cinema in Eastern Europe. 3 Credits.**

A critical look at varieties of cinematic representation and memorialization of the Holocaust, from those countries of Europe where it mostly took place. Taught in English. All films in (or subtitled in) English. Previously offered as SLAV 281.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**Same as:** CMPL 281.

**GSSL 282. Afropessimism in American and European Film. 3 Credits.**

Scholars of Afropessimism argue that we are not living in the age of post-slavery, but in the "afterlife of slavery" and that Blacks exist outside of the world, because the social world is held together by anti-Blackness. This argumentation has had important effects within Black German and Black European Studies. This course seeks to explore these philosophical claims, by comparing American films with European films that deal with anti-Black racism.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** AAAD 282.

**GSSL 283. Hungarian Cinema since World War II. 3 Credits.**

An introduction to Hungarian society and culture since the end of World War II through a selection of film classics. Films with English subtitles. Readings and discussions in English. Previously offered as HUNG 280.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.




**GSSL 285. Dissent and Protest in Central Europe. 3 Credits.**

This course examines cultures of dissent and protest in Central Europe, including student protests of the 1960s and the fall of Communism in 1989. Materials include literature, film, music, theatre, and popular culture from Czechoslovakia, East Germany, West Germany, Hungary, and Poland. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

** GSSL 286. The Upright and the Toppled: Public Lives of Monuments in Europe and the American South. 3 Credits.**

Recent years have seen a worldwide push for emancipatory acts of iconoclasm: calls to "topple" monuments as emblems of social oppression. This course examines cases of contested and demolished monuments in contexts close to home (the Carolina campus) and geographically remote (Poland, Prague). If demolishing a monument can be a violent act, how might visual objects in public space exert their own forces of violence? Readings and discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.

**GSSL 287. Into the Streets: 1968 and Dissent in Central Europe. 3 Credits.**

Protest movements of 1968 are often remembered as one "planetary event." In Western Europe, protesters demanded revolution, while in Eastern Europe, protesters living under communism demanded reform. In this course, we will explore dissent and counterculture in Central Europe through the lens of 1968. Through film and fiction from Poland, Yugoslavia, Czechoslovakia, and Hungary, we will investigate the impact of the Central European '68(s) worldwide. Films with English subtitles; readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN, EE- Mentored Research.

**Grading Status:** Letter grade.

**GSSL 288. Graphic Medicine: The Intersection of Health and Comics. 3 Credits.**

We will explore the unique possibilities of comics in the form of graphic medicine: namely comics that thematize physical and mental health. How do comic artists work through issues of trauma and pain? How do artists with chronic illness and disabilities articulate their experience through comics? This course engages with the Medical Humanities, seeking to bring together students of medicine along with students of the humanities to contemplate how we communicate physical and mental illness.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 288.

**GSSL 295. Research, Creativity, and Innovation in the Humanities. 3 Credits.**

This course serves as an introduction to research methodologies, theories, and the university resources available to students seeking to perform cutting-edge research in the humanities. The goal of the course is to produce a substantial research project. The capacities developed in this course as well as the project itself could be used as the basis for grants, scholarships, internship applications, or an honors thesis. Taught in English. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**Same as:** CMPL 395, ROML 295.

**Advanced Undergraduate and Graduate-level Courses****GSSL 465. Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe. 3 Credits.**

Historical contexts and connections through artistic representation of the Holocaust and Soviet terror in Eastern Europe and the USSR. Taught in English; some foreign language readings for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 465, PWAD 465.

**GSSL 475. Magical Realism: Central European Literature in a Global Context. 3 Credits.**

This course studies magical realism in Central European literature and film by placing it in a global literary/cinema context. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**GSSL 480. Interrogating Cultures of Fascism: Introduction to Frankfurt School's Critical Theory 1923-Present. 3 Credits.**

This research-intensive seminar for advanced undergraduates covers the history of the Frankfurt School as well as the scope of its theory for contemporary social, political, and cultural analysis. Taught in English; some readings in German for qualified students. Students must have junior or senior standing or have permission of the instructor.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**GSSL 481. Grand Hotels and Empty Fields: Inventing Central Europe through Culture. 3 Credits.**

Does Central Europe exist? It is a region with shifting borders, diverse languages, and a complex history. In this course, we will explore stories that invent fictional countries in Central Europe from the mist-shrouded mountains of Wes Anderson's *Zubrowka* to Ursula Le Guin's invented realm of Orsinia. We will also read work by writers from within the region who mythologized their home environments. Films with English subtitles; readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN, EE- Mentored Research.

**Grading Status:** Letter grade.

**GSL 489. GSLL Across the Curriculum (LAC). 1 Credits.**

This one-credit hour class aims to develop and facilitate conversational skills in a Germanic or Slavic language in the context of the current political, economic, and cultural climate. Knowledge of the language of instruction at the upper-intermediate level required.

**Rules & Requirements**

**Requisites:** Prerequisite, BCS 404, CZCH 404, DTCH 404, GERM 204, HUNG 404, KAZH 404, PLSH 404, RUSS 204, or UKRN 404; permission of instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**GSL 490. Topics in Germanic and Slavic Languages and Literatures. 3 Credits.**

Examines selected themes in the history, culture, society, art, and/or literature of Germanic and Slavic/East European countries.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GSL 496. Independent Readings in Germanic and Slavic/East European Studies. 1-3 Credits.**

Special readings and research in a selected field or topic related to Germanic and Slavic/East European Studies, under the direction of a faculty member.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GSL 560. Reading Other Cultures: Issues in Literary Translation. 3 Credits.**

Permission of the instructor. Reading knowledge of a language other than English recommended. Starting from the proposition that cultural literacy would be impossible without reliance on translations, this course addresses fundamental issues in the practice, art, and politics of literary translation. Previously offered as SLAV 560.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** CMPL 560.

**GSL 683. Moving-Image Avant-gardes and Experimentalism. 3 Credits.**

History and theory of international avant-garde and experimentalist movements in film, video, intermedia, multimedia, and digital formats. Content and focus may vary from semester to semester. Previously offered as GERM 683.

**Rules & Requirements**

**Requisites:** Prerequisite, ARTH 159, COMM 140, or ENGL 142; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **GSL 691H. Honors Course. 3 Credits.**


Permission of the director of undergraduate studies. For majors only. Reading and special studies under the direction of a faculty member.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **GSL 692H. Honors Course. 3 Credits.**

Permission of the director of undergraduate studies. For majors only. Reading and preparation of an essay under the direction of a faculty member, designed to lead to the completion of the honors thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **GSL 693H. Honors Seminar. 3 Credits.**

Permission of the director of undergraduate studies. For majors only. Introduction to research techniques and preparation of an essay, designed to lead to the completion of the honors thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**DTCH–Dutch Undergraduate-level Courses** **DTCH 275. Rising Fortunes and Rising Tides: The Dutch Golden Age and its Legacy. 3 Credits.**

This study abroad course provides students with in-depth exposure to the history and culture of the Netherlands in the 17th century through the lens of its chief city, Amsterdam. Conducted in English. No knowledge of Dutch is required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning, NA, WB.

**Grading Status:** Letter grade.

**DTCH 396. Independent Readings in Dutch. 3 Credits.**

Permission of the instructor. Special readings and research in a selected field or topic under the direction of a faculty member.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### DTCH 402. Elementary Dutch. 3 Credits.

The first course in the Dutch language sequence, DTCH 402 is a rapid introduction to modern Dutch with emphasis on all fundamental components of communication. Completion of DTCH 402 fulfills level 2 of a foreign language.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1 & 2 combined.

### DTCH 403. Intermediate Dutch. 3 Credits.

The second course in the Dutch language sequence, DTCH 403 focuses on increased skills in speaking, listening, reading, global comprehension, and communication. Emphasis on reading and discussion of longer texts. Completion of DTCH 403 fulfills level 3 of a foreign language.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, DTCH 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

### DTCH 404. Advanced Intermediate Dutch. 3 Credits.

This third Dutch course completes the language sequence. DTCH 404 aims to increase proficiency in language skills (reading, speaking, writing) and is constructed around a series of themes meant to introduce students to Dutch society, culture, and history. Completion of DTCH 404 fulfills level 4 of a foreign language.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, DTCH 403; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

### DTCH 405. Topics in Dutch Culture: A Literary Survey. 3 Credits.

Ability to read and speak Dutch at intermediate to advanced level recommended. Introduction to Dutch literature from Middle Ages to the present. Survey of topics in Dutch culture.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, DTCH 404; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

## GERM—German

### Undergraduate-level Courses

#### GERM 101. Elementary German I. 4 Credits.

Develops the four language skills (speaking, listening, reading, writing) in a cultural context. In addition to mastering basic vocabulary and grammar, students will communicate in German about everyday topics. Students may not receive credit for both GERM 105 and GERM 101 or 102. Honors version available.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

#### GERM 102. Elementary German II. 4 Credits.

This continuation of GERM 101 emphasizes speaking, listening, reading, writing in a cultural context. Students enhance their basic vocabulary and grammar and will regularly communicate in German about everyday topics. Students may not receive credit for both GERM 105 and GERM 101 or 102. Honors version available.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, GERM 101; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

### GERM 203. Intermediate German I. 3 Credits.

Students acquire necessary materials and opportunities to develop further their language skills in a cultural context. They review and expand upon the basic grammar covered in beginning German. Students may not receive credit for both GERM 206 and GERM 203 or GERM 204. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, GERM 102; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

### GERM 204. Intermediate German II. 3 Credits.

Emphasizes further development of the four language skills (speaking, reading, writing, listening) within a cultural context. Discussions focus on modern Germany, Austria, and Switzerland in literature and film. Students may not receive credit for both GERM 206 and GERM 203 or GERM 204. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, GERM 203; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**GERM 210. Getting Medieval: Knights, Violence, and Romance. 3 Credits.**

Offers a historical perspective on the portrayal of medieval culture in film from the 1920s to today. Specific topics include the ideal hero, the quest, etiquette, chivalry, rituals, and love. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA, WB.

**Grading Status:** Letter grade.

**GERM 211. Concepts in Medieval Culture. 3 Credits.**

This course examines concepts that medieval texts utilize in order to articulate an understanding of human beings, their relations to others, their social, political, and religious worlds. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**GERM 216. The Viking Age. 3 Credits.**

Lecture/discussion course on Viking culture, mythology, exploration, and extension of power in northern Europe (approx. 750-1050 CE) as represented in sagas, the Eddas, runic inscriptions, and chronicles. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**GERM 220. Women in the Middle Ages. 3 Credits.**

This interdisciplinary course examines representations of women, concepts of gender, and women's participation in the economic, political, religious, and cultural life of the Middle Ages. Discussion and texts in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** WGST 220.

**GERM 227. Luther and the Bible. 3 Credits.**

The Reformation was seminal for the development of the modern world. This course will investigate Reformation literature written in the period from the end of the 15th century to the end of the 17th century, and will investigate how Reformation ideas resonate through today. Readings and discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 227.

**GERM 245. Marx, Nietzsche, and Freud. 3 Credits.**

An introduction to the writings of three great German writers of the 19th century who have had enormous impact on the lives of people around the world. Readings and discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**GERM 247. Music, Madness, and Genius: The Pathologies of German Musical Literature. 3 Credits.**

This course surveys the themes of madness and genius and their relation to music in German literature of the 19th and 20th century. Readings and class discussions in English. Prior knowledge of music is recommended but not required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**GERM 249. German Literature in Translation. 3 Credits.**

The idea of world literature was a German invention, proposed by Goethe to describe literature of universal importance for all of humanity. German thought, and German literature, in particular, remains an important component in this canon. This English-language literature course introduces newcomers to some highlights of German literature.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**GERM 263. European Exile Cinema. 3 Credits.**

This course examines the work of one or several film directors who went into exile during the Third Reich to discuss: How does the experience of exile influence film style? What are theories and histories of exile and exile cinema, and how do they relate to other approaches to film, via national film histories, genre, style, etc.? How does a biography of exile relate to so-called auteur theory? Readings and Discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 263.

**GERM 265. Hitler in Hollywood: Cinematic Representations of Nazi Germany. 3 Credits.**

An examination of selected cinematic representations (both American and German) of Nazi Germany in terms of their aesthetic properties and propagandistic value. Films with English subtitles; readings and discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**GERM 266. Weimar Cinema. 3 Credits.**


Explores important German films of 1919 to 1933, locating them in their artistic, cultural, and historical context. Treats the contested course of Weimar film history and culture and provides a theoretically informed introduction to the study of film and visual materials. Films with English subtitles; readings and discussions in English.

**Rules & Requirements**


**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 266.

 **GERM 267. Contemporary German and Austrian Cinema. 3 Credits.** Examines exciting new directions in German and Austrian cinema from the past 20 years. By analyzing weekly films, students develop skills in film analysis and criticism; read reviews, interviews, and film-theoretical texts; write a film review; and produce a critical essay. Films with English subtitles; readings and discussions in English. Students may not receive credit for both GERM 267 and 367.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 267.

**GERM 268. Auteur Cinema. 3 Credits.**

We will explore the works of one or more German director(s). By watching a sample of a director's oeuvre over a significant period of time, students come to understand the director's arch, identify common threads in their films, and consider how his or her work relates to larger developments in German film history. Films with English subtitles; readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**GERM 271. Women in German Cinema. 3 Credits.**

Introduction to feminist aesthetics and film theory by the examination of the representation of women in German cinema from expressionism to the present. All materials and discussions in English. Previously offered as GERM/WGST 250.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 271, CMPL 271.

 **GERM 272. History of German Cinema. 3 Credits.**

This course explores the major developments of German cinema. All films with English subtitles. Readings and discussions in English. Previously offered as GERM 275.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 272.

 **GERM 278. Performance, Drama, Translation, Adaptation and Ethnographic Exchange. 3 Credits.**


German drama has been fundamental to shaping the country's identity. Thus, what better way to learn about a culture and history than to engage with its dramatic texts and performance? Nevertheless, there are always nuances that can potentially get lost in translation when adapting a text from one language to another. What does a reader of the translation need to know in order to properly understand the play? Readings and discussions in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH, HI-SERVICE.


**Making Connections Gen Ed:** VP, EE- Service Learning, NA.

**Grading Status:** Letter grade.

 **GERM 279. Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now. 3 Credits.**

Considers fairy tales from several different national traditions and historical periods against the backdrop of folklore, literature, psychoanalysis, and the socializing forces directed at children. Students may not receive credit for both GERM 279/CMPL 279 and GSLL 54.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA.


**Grading Status:** Letter grade.

**Same as:** CMPL 279.

 **GERM 280. 20th-Century German Philosophy and Modern Youth Cultures. 3 Credits.**

This philosophical Approaches course investigates the rich European intellectual foundations on which 20th-century youth culture erected its triumvirate of sex, drugs, and rock music.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.


**GERM 281. The German Idea of War: Philosophical Dialogues with the Literary and Visual Arts in WWI. 3 Credits.**

This course brings into dialogue key ideas from seminal German philosophers who anticipated, experienced, or survived the Great War, with contemporary works of German literature, film, and painting. Of concern are the ways philosophy's concepts and art's themes shaped both one another and the idea of war. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

 **GERM 282. Different than the Others: Stories of Queer German Liberation, 1864-2021. 3 Credits.**

This English-language seminar introduces students to over 150 years of LGBTQ+ repression and liberation in German-speaking Europe, from the prohibition of same-sex acts in 1871 to the present, through the lens of German literature and film. Readings and class discussions in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**GERM 283. Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt. 3 Credits.**

This course investigates how philosophical thought motivates, inspires, and generates forms of agency and identity against cultural tendencies that limit or erode freedom. Readings, lecture, and discussion in English.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 283.

**GERM 284. Translations and Adaptations of German Pop Literature. 3 Credits.**

By reading a few longer novels over the course of the semester, students will learn how to hone their critical thinking and reading skills, become familiar with a foreign culture, and consider how American culture is reflected back at them in these post-1960 German texts. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

**GERM 285. Contemporary German Literature in Translation. 3 Credits.**

This class will introduce students to the latest translations of recent novels by both established and up-and-coming authors of the post-1989 German literary world. Readings and class discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI, NA.

**Grading Status:** Letter grade.

**GERM 286. (Un)Welcomed Guests? German Reflections on Exile and Immigration. 3 Credits.**

This course introduces students to philosophical, literary, and film texts engaging with the ethics of migration. How might the writings by and depictions of refugees throughout German history resonate with the current crisis? The course includes a service learning component, so that students gain experience working with local refugees and are able to use their practical experience to reflect on the theoretical discussions in class. Readings and discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** PH, EE- Service Learning, GL.

**Grading Status:** Letter grade.

**GERM 290. Topics in German Studies. 3 Credits.**

Examines selected themes in the history, culture, society, art, and/or literature of German-speaking countries. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GERM 301. Advanced Applied German: Life, Work, Fun. 3 Credits.**

Introduction to present-day German-speaking societies with an emphasis on practical contexts of everyday life (business, media, culture). The course initiates a sustained reflection on class, gender, race, and political economy and prepares students for studying and interning in German-speaking Europe. Further goals include improvement of pronunciation and the mastery of grammar.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING, COMMBEYOND.

**Making Connections Gen Ed:** CI, NA.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**GERM 302. Advanced Communication in German: Media, Arts, Culture. 3 Credits.**

Emphasis is on advanced communication and writing based on shorter readings from contemporary life and culture in German-speaking societies. The readings provide subject matter for in-class discussion and regular written compositions that explore a variety of practical genres (report, article, essay).

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL, COMMBEYOND.

**Making Connections Gen Ed:** SS, CI, NA.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**GERM 303. German Literature and Culture. 3 Credits.**

Readings, discussions, and essays in German. An appropriate conclusion to GERM 101-204, it also provides the background for more advanced undergraduate literature and culture courses.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, CI, NA.

**Requisites:** Pre- or corequisite, GERM 301 or 302; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 304. Business German. 3 Credits.**

An introduction to the language and culture of German business, commerce, and industry. Special emphasis is given to the acquisition of advanced business-related language skills. Course conducted in German.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL, COMMBEYOND.

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**GERM 305. Business German. 3 Credits.**

GERM 304 recommended but not required. As a continuation of GERM 304 the course offers a more advanced treatment of the current German economic and business debates and events while further strengthening relevant German language skills. Course conducted in German.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL, COMMBEYOND.

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** BUSI 305.

**Global Language:** Level 5.

**GERM 306. Introduction to German Translation. 3 Credits.**

This course provides a practical and theoretical introduction to translation from and into German. Translation practices will be discussed not only from a linguistic perspective, but also from a cultural and historical perspective.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 325. Fools and Laughter in Early Modern German Literature. 3 Credits.**

Fools are everywhere. Human folly is one of the most distinctive preoccupations of German literature of the early modern period. This course will explore the multiple meanings of the German term "fool" in works from the 15th to the 18th century. Readings and discussions in German.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 330. The Age of Goethe. 3 Credits.**

German literature from the Enlightenment to Romanticism. Readings include works by Lessing, Goethe, Schiller, Kleist, and the Romantics. Readings and lectures in German.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 349. Vienna-Munich-Berlin: Revolutions in German Art c. 1900. 3 Credits.**

Investigation of the interconnectedness of turn-of-the-century arts, philosophy, psychoanalysis with focus on Berlin and Vienna. Works by Nietzsche, Hauptmann, Schnitzler, Freud, Hesse, Hofmannsthal/Strauss, Kafka, Rilke, T. Mann. Readings and lectures in German.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 367. Contemporary German and Austrian Cinema. 3 Credits.**

Examines exciting new directions in German and Austrian cinema from the past 20 years. By analyzing weekly films, students develop skills in film analysis and criticism; read reviews, interviews, and film-theoretical texts; write a film review; and produce a critical essay. Readings and discussions in German. Students may not receive credit for both GERM 267 and 367.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI, NA.

**Requisites:** Prerequisite, GERM 303.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **GERM 370. German Intellectual History. 3 Credits.**

Introduction to German intellectual history from the Enlightenment to the rise of fascism. Close readings and discussions of texts by Kant, Schiller, Hegel, Marx, Nietzsche, Freud, and Benjamin. Readings and lectures in German.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 371. The German Novella. 3 Credits.**

Famous novellas by authors such as Kleist, Brentano, Meyer, Keller, and Kafka, from the early 19th century to the middle of the 20th century. Readings and discussions in German.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 372. German Drama. 3 Credits.**

German drama from the late Enlightenment to the present. Texts include plays by dramatists such as Goethe, Schiller, Kleist, Hauptmann, Brecht, and Dürrenmatt. Readings and lectures in German.


**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **GERM 373. "Denk ich an Deutschland. . .": German Lyrical Poetry through the Centuries. 3 Credits.**

Survey of German lyric poetry from 18th to 21st century; major poets, forms, literary movements discussed. Readings, class discussions, and public recitation in German.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **GERM 374. German Theater: Words Speak as Loudly as Actions. 3 Credits.**

Students study German plays, write original monodramas, and give two public dramatic performances. Readings, discussions, rehearsals in German aim to enable critique of dramas and theoretical texts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** VP, EE- Performing Arts, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 379. German-Language Swiss Literature and Culture. 3 Credits.**

This course offers an introduction to the German-language literature and culture of Switzerland. Possible authors include: Jeremias Gotthelf, Gottfried Keller, Robert Walser, Friedrich Dürrenmatt, Max Frisch, Christian Kracht.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 380. Austrian Literature. 3 Credits.**

Presents Austria from the Biedermeier period to the end of the monarchy. Readings of works by authors such as Stifter, Schnitzler, Roth, Freud, Herzl, who articulate artistic, political, historical themes. Readings and lectures in German.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **GERM 381. Berlin: Mapping a (Post) Modern Metropolis. 3 Credits.**

Exploration of the rich cultural and turbulent political history of 20th-century Germany by focusing on the literature, film, art, and architecture produced in and about the city of Berlin. All materials and discussions in German.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA, FL.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 382. Representations of Violence and Terrorism in Contemporary German Literature and Film. 3 Credits.**

Investigates literary and cinematic response to rise in terrorism in Germany since 1970. Focus on cultural and political significance of the gangster, the freedom fighter, and the terrorist. Readings and discussions in German.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 383. Adaptations of the Past: Literature of the German Democratic Republic. 3 Credits.**

Explores the practice in East Germany of adapting earlier literatures and setting contemporary narratives in distant times. East German authors used cultural heritage as a screen for utopian sentiments and for pursuing the relationships between everyday life, historical conditions, and political circumstances. Readings and discussions in German.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisite, GERM 303.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 384. Guilt, Suffering, and Trauma in Post War Germany. 3 Credits.**

German texts from 1945 to the present trace the depth of fascist violence and its aftermath in German historical writing and identity. How have Germans positioned themselves toward their history over time? Does one understand oneself as perpetrator, victim, or both? Readings and discussions in German.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Requisites:** Prerequisite, GERM 303.

**Grading Status:** Letter grade.



**GERM 385. Schein/Sein: Turkish German Culture, 1964 to Today. 3 Credits.**

Students will learn about Turkish migration to Germany following WWII. Students will read texts written about Turkish guest workers, as well as first-hand accounts from guest workers and literary texts by Turkish artists of the first, second, and third generation. Readings and discussions in German.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI, GL.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**GERM 386. Germany Goes East: Contemporary German Literature by Eastern European Immigrants. 3 Credits.**

Since 1989, writers born in the former Eastern Bloc have taken German literature by storm. We investigate this contemporary prose, exploring themes like homeland and diaspora, communism and capitalism, German history and the European Union.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 388. Discussion Section in German. 1 Credits.**

Students may enroll only in conjunction with a German Department course offered in English that features an accompanying discussion section. All materials and discussions in German. May count toward the major or minor in German.

**Rules & Requirements**

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 389. LAC Recitation. 1 Credits.**

A recitation section for selected courses that promote foreign language proficiency across the curriculum (LAC). Readings and discussions in German. May count toward the major and minor in German.

**Rules & Requirements**

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 390. Topics in German Studies. 3 Credits.**

Examines selected themes in the history, culture, society, art, and/or literature of German-speaking countries. Readings and discussions in German.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 396. Independent Readings in German. 3 Credits.**

Special readings and research in a selected field or topic under the direction of a faculty member.

**Rules & Requirements**

**Requisites:** Prerequisite, GERM 303; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**Advanced Undergraduate and Graduate-level Courses****GERM 400. Advanced German Grammar. 3 Credits.**

Review of basic and advanced grammatical structures. Course strengthens application of grammar in context for undergraduate and graduate students. Graduate students also work with grammar issues encountered in the foreign language classroom.

**Rules & Requirements**

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**GERM 450. Nietzsche, Hesse, and Mann. 3 Credits.**

Explores Nietzsche on literature, and Hesse's and Mann's literary thematization of Nietzsche's philosophy. Emphasis on conceptions of character, myth, music, and language, and Nietzsche's cultural and moral critique and its reevaluation in light of the 20th century political crises. Taught in English; some readings in German for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

 **GERM 466. Language Remains: German-Jewish Dialogues and Beyond. 3 Credits.**

This course explores German-Jewish writing before and after the Holocaust, focusing on the social and political position of Jews in German-speaking countries and how those are manifest in their relation to the German language.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** JWST 466.

**GERM 479. What is a Medium? German Media Theory from Aesthetics to Cultural Techniques. 3 Credits.**

This seminar provides students across the humanities with an overview of the historical and cultural relevance of German media theories. We will discuss the distinction between "art" and "medium", the role of technology and techniques, as well as the interaction of media theory and practice with politics. Films with English subtitles; readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

**Same as:** CMPL 479.

**GERM 493. Internship in German. 3 Credits.**

This course enables a student to earn a maximum of three credit hours for a faculty-supervised internship directly related to the study of German literature or culture, or that uses the German language in day-to-day conduct of business in a German-speaking environment.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship, NA.

**Requisites:** Prerequisite, GERM 303.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**GERM 500. History of the German Language. 3 Credits.**

Development of phonology and morphosyntax from ancient times to present. Political, social, and literary forces influencing the language.

**Rules & Requirements**

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**GERM 501. Structure of German. 3 Credits.**

LING 101 recommended for undergraduates. Introduction to formal analysis of German grammar (phonology, morphophonemics, prosodics, morphology, syntax) within the framework of generative grammar.

**Rules & Requirements**

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** LING 567.

**GERM 505. Early New High German. 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic analysis of Early New High German texts, with study of phonology, morphology, and syntax. On demand.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 508. Old High German. 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic analysis of Old High German texts, with study of phonology, morphology, and syntax; comparison of the various dialects with other older dialects of Germanic. On demand.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 511. Old Saxon. 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic study of biblical texts (Heliand, Genesis) in Old Saxon, with study of phonology, morphology, and syntax; comparison with Old English, Old High German, and other Germanic dialects. On demand.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 514. Old Norse I (Old Icelandic). 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic analysis of Old Norse (Old Icelandic) texts, with study of phonology, morphology, and syntax; comparison with other older dialects of Germanic. On demand.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 515. Old Norse II (Old Icelandic). 3 Credits.**

Permission of the instructor for undergraduates. Continuation of GERM 514. On demand.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 517. Gothic. 3 Credits.**

Permission of the instructor for undergraduates. Reading and linguistic analysis of Gothic biblical texts, with study of phonology, morphology, and syntax; comparison with other older dialects of Germanic. On demand.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 520. Stylistics: Theory and Practice. 3 Credits.**

LING 101 recommended for undergraduates. Study of stylistic theories and practices in literature and linguistics, analysis of a large variety of texts, written exercises, training in the use of stylistic devices.

**Rules & Requirements**

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**GERM 521. Variation in German. 3 Credits.**

LING 101 recommended for undergraduates. Major topics in sociolinguistics: development of the German language, traditional dialects, variation in contemporary speech, German as a minority language (Alsace, Belgium), German outside of Germany (Austria, Switzerland, Luxemburg, Liechtenstein).

**Rules & Requirements**

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**GERM 545. Problems in Germanic Linguistics. 3 Credits.**

LING 101 recommended for undergraduates. Special problems will be selected for intensive investigation. Subject matter of the course will be adapted to the particular interests of the students and instructor.

**Rules & Requirements**

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**GERM 590. Topics in Germanic Linguistics. 3 Credits.**

LING 101 recommended for undergraduates.

**Rules & Requirements**

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GERM 601. Elementary German for Graduate Students. 3 Credits.**

Permission of the instructor for undergraduates. With GERM 602, a two-semester sequence designed as preparation for the reading knowledge examination for higher degrees in the humanities, social sciences, physical sciences, etc.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 602. Elementary German for Graduate Students, Continued. 3 Credits.**

Permission of the instructor for undergraduates. Continuation of GERM 601.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 605. Comparative Germanic Grammar. 3 Credits.**

Permission of the instructor for undergraduates. LING 101 recommended for undergraduates. Analysis of phonological, morphological, and syntactic development from Indo-European to the older stages of Germanic dialects.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 614. Foundations in German Studies I. 3 Credits.**

First part of a three-semester sequence offering students a comprehensive, text-based survey of German literary history from the High Middle Ages to the present. The course introduces students to medieval German language, literature, and culture. Readings in English, German and Middle High German. Discussions in German. Permission of the instructor for undergraduates.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 615. Foundations in German Studies II. 3 Credits.**

Second part of a three-semester sequence offering students a comprehensive, text-based survey of German literary history from the High Middle Ages to the present. Permission of the instructor for undergraduates.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 616. Foundations in German Studies III. 3 Credits.**

Third part of a three-semester sequence offering students a comprehensive, text-based survey of German literary history from the High Middle Ages to the present. Permission of the instructor for undergraduates.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GERM 625. Early Modern Literature. 3 Credits.**

Permission of the instructor for undergraduates. German literature of the 15th, 16th, and 17th centuries. Close readings, lectures, and discussions of representative texts.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GERM 630. 18th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature in the Age of Enlightenment. Close readings, lectures, and discussions of representative texts.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GERM 640. Early 19th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature of the Romantic period. Close readings, lectures, and discussions of representative texts.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GERM 645. Later 19th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature of Realism, Naturalism, and related movements. Close readings, lectures, and discussions of representative texts.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GERM 650. Early 20th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Major figures of the period from the turn of the century to World War II. Close readings, lectures, and discussions of representative texts.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GERM 655. Later 20th-Century Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature since World War II in both the Federal Republic and the former GDR. Close readings, lectures, and discussions of representative texts.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GERM 685. Early 21st-Century German Literature. 3 Credits.**

Permission of the instructor for undergraduates. Literature since German unification in 1899. Close readings, lectures, and discussions of representative texts.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**BCS–Bosnian, Croatian, and Serbian****Advanced Undergraduate and Graduate-level Courses****BCS 401. Elementary Bosnian-Croatian-Serbian Language I. 3 Credits.**

This course is designed for new learners and heritage speakers of BCS who wish to develop elementary proficiency in four major language competencies: listening, speaking, reading, and writing. It introduces key linguistic and sociocultural aspects of contemporary BCS and will be a valuable asset to students looking to reconnect with their family heritage, visit the region or simply get acquainted with this major Slavic language and its history.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**BCS 402. Elementary Bosnian-Croatian-Serbian Language II. 3 Credits.**

Continuation of the proficiency-based instruction in BCS 401. Course emphasizes speaking, listening, reading, writing in a cultural context. Students enhance their basic vocabulary and grammar and will regularly communicate in the target language about everyday topics. Previously offered as SECR 402.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, BCS 401; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

** BCS 403. Intermediate Bosnian-Croatian-Serbian Language I. 3 Credits.**

The second year of BCS instruction will continue to build grammar and communication skills for intermediate-low and heritage speakers. We will revisit and review many of the grammar concepts from the previous year while gradually incorporating new vocabulary and developing cultural competencies through a variety of authentic sources in the target language (comics, films, music, and others). In addition to in-class presentations, students will frequently work in pairs and collaborate on small projects.

**Rules & Requirements**

** IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, BCS 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**BCS 404. Intermediate Bosnian-Croatian-Serbian Language II. 3 Credits.**

Continuation of the proficiency-based instruction started in BCS 403. Previously offered as SECR 404.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, BCS 403; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**BCS 405. Advanced Bosnian-Croatian-Serbian Language I. 3 Credits.**

Advanced readings and discussion in Bosnian-Croatian-Serbian on humanities and social science topics. Previously offered as SECR 405.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, BCS 404; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**BCS 406. Advanced Bosnian-Croatian-Serbian Language II. 3 Credits.**

Advanced readings and discussion in Bosnian-Croatian-Serbian on humanities and social science topics. Continuation of BCS 405. Previously offered as SECR 406.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, BCS 405; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**BCS 411. Introduction to South Slavic Literatures and Cultures. 3 Credits.**

Introduction to South Slavic literatures and cultures with an emphasis on 19th- through 21st-century prose. Taught in English. Some readings in target language for qualified students. Previously offered as SECR 411.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**BCS 490. Topics in South Slavic Cultures. 3 Credits.**

Study of topics in Bosnian, Croatian, Serbian, and other South Slavic literatures and cultures not currently covered in any other course. The specific topic will be announced in advance. Taught in English. Some readings in target language for qualified students. Previously offered as SECR 490.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

## CZCH–Czech

### Undergraduate-level Courses

#### CZCH 280. Closely Watched Trains: Czech Film and Literature. 3 Credits.

This course examines Czech film and literature against the backdrop of key historical, political, and cultural events of the 20th century. Films with English subtitles. Readings and discussions in English.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

#### CZCH 401. Elementary Czech I. 3 Credits.

Proficiency-based instruction at the elementary level that develops the four language skills (speaking, listening, reading, writing). In addition to mastering basic vocabulary and grammar, students will communicate in Czech about everyday topics.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

#### CZCH 402. Elementary Czech II. 3 Credits.

Continuation of the proficiency-based instruction in CZCH 401. Course emphasizes speaking, listening, reading, writing in a cultural context. Students enhance their basic vocabulary and grammar and will regularly communicate in Czech about everyday topics.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CZCH 401; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

#### CZCH 403. Intermediate Czech I. 3 Credits.

Continuation of proficiency-based instruction begun in Elementary Czech.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CZCH 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

#### CZCH 404. Intermediate Czech II. 3 Credits.

Continuation of proficiency-based instruction begun in Elementary Czech.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, CZCH 403; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

#### CZCH 405. Advanced Czech I. 3 Credits.

Advanced readings and discussion in Czech in humanities and social science topics.

#### Rules & Requirements

**Requisites:** Prerequisite, CZCH 404; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

#### CZCH 406. Advanced Czech II. 3 Credits.

Advanced readings and discussion in Czech in humanities and social science topics, continued.

#### Rules & Requirements

**Requisites:** Prerequisite, CZCH 405; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

#### CZCH 411. Introduction to Czech Literature. 3 Credits.

Introduction to Czech literature with an emphasis on 19th- and 20th-century prose. Taught in English. Some readings in Czech for qualified students.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

#### CZCH 469. Milan Kundera and World Literature. 3 Credits.

This course traces Milan Kundera's literary path from his communist poetic youth to his present postmodern Francophilia. His work will be compared with those authors he considers his predecessors and influences in European literature. Taught in English. Some readings in Czech for qualified students.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** CMPL 469.

#### CZCH 490. Topics in Czech Culture. 3 Credits.

Study of topics in Czech and/or Slovak literature and culture not currently covered in any other course. The specific topic will be announced in advance. Taught in English. Some readings in Czech for qualified students.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

## HUNG–Hungarian

### Advanced Undergraduate and Graduate-level Courses

#### HUNG 401. Elementary Hungarian. 3 Credits.

Pronunciation, structure of language, and reading in modern Hungarian.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**HUNG 402. Elementary Hungarian. 3 Credits.**

Pronunciation, structure of language, and reading in modern Hungarian, continued.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

 **HUNG 403. Intermediate Hungarian Language. 3 Credits.**

Continuation of the proficiency-based instruction begun in Elementary Hungarian.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**HUNG 404. Intermediate Hungarian Language. 3 Credits.**

Continuation of the proficiency-based instruction begun in Elementary Hungarian, continued.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**HUNG 405. Advanced Hungarian. 3 Credits.**

Advanced readings and discussion in Hungarian in humanities and social science topics.

**Rules & Requirements**

**Requisites:** Prerequisite, HUNG 404; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**HUNG 406. Advanced Hungarian. 3 Credits.**

Advanced readings and discussion in Hungarian in humanities and social science topics, continued.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**HUNG 407. The Structure of Modern Hungarian. 3 Credits.**

Introduction to the phonology, morphology, and syntax of modern standard Hungarian, with emphasis on some of its distinctive typological features.

**Rules & Requirements**

**Requisites:** Prerequisite, HUNG 401 or LING 101.

**Grading Status:** Letter grade.

**HUNG 411. Introduction to Hungarian Literature. 3 Credits.**

An introduction to Hungarian literature of the last five centuries through a selection of works in English translation, with supporting background materials including films (with English subtitles). Taught in English; some readings in Hungarian for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**HUNG 490. Topics in Hungarian Culture. 3 Credits.**

Study of topics in Hungarian literature and culture not currently covered in any other course. The specific topic will be announced in advance. Taught in English; some readings in Hungarian for qualified students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**MACD–Macedonian****Advanced Undergraduate and Graduate-level Courses****MACD 401. Elementary Macedonian. 3 Credits.**

Pronunciation, structure of language, and reading in modern Macedonian.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**MACD 402. Elementary Macedonian. 3 Credits.**

Pronunciation, structure of language, and reading in modern Macedonian, continued.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

 **MACD 403. Intermediate Macedonian. 3 Credits.**

Continuation of the proficiency-based instruction begun in Elementary Macedonian.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**MACD 404. Intermediate Macedonian. 3 Credits.**

Continuation of the proficiency-based instruction begun in Elementary Macedonian, continued.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**MACD 405. Advanced Macedonian. 3 Credits.**

Advanced reading and discussion in Macedonian in humanities and social science topics.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**MACD 406. Advanced Macedonian. 3 Credits.**

Advanced reading and discussion in Macedonian in humanities and social science topics, continued.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Global Language:** Level 6.

## PLSH–Polish

### Undergraduate-level Courses

#### PLSH 280. The Modern Cinema of Poland. 3 Credits.

An overview of Polish cinema from the 1950s into the 21st century. Includes films of Kieslowski, Munk, Polanski, Wajda, and others. Films with English subtitles. Readings and discussions in English.

#### Rules & Requirements

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

#### PLSH 401. Elementary Polish I. 3 Credits.

Proficiency-based instruction at the elementary level that develops the four language skills (speaking, listening, reading, writing). In addition to mastering basic vocabulary and grammar, students will communicate in Polish about everyday topics.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

#### PLSH 402. Elementary Polish II. 3 Credits.

Continuation of the proficiency-based instruction in PLSH 401. Course emphasizes speaking, listening, reading, writing in a cultural context. Students enhance their basic vocabulary and grammar and will regularly communicate in Polish about everyday topics.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PLSH 401; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

#### PLSH 403. Intermediate Polish I. 3 Credits.

Continuation of the proficiency-based instruction begun in elementary Polish.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PLSH 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

#### PLSH 404. Intermediate Polish II. 3 Credits.

Continuation of the proficiency-based instruction begun in elementary Polish, continued.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PLSH 403; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

#### PLSH 405. Advanced Polish I. 3 Credits.

Advanced readings and discussion in Polish on humanities and social science topics.

#### Rules & Requirements

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, PLSH 404; permission of Instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

#### PLSH 406. Advanced Polish II. 3 Credits.

Advanced readings and discussion in Polish on humanities and social science topics, continued.

#### Rules & Requirements

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, PLSH 405; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

#### PLSH 411. 19th-Century Polish Literature and Culture. 3 Credits.

An overview of the major literary, cultural and social movements in 19th-century Poland (Romanticism, Positivism and Young Poland) as they relate to Europe more broadly. All readings and discussions in English; readings available in Polish for qualified students.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

#### PLSH 412. From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture. 3 Credits.

An overview of the literary and cultural movements in 20th and 21st century Poland as they relate to major historical changes of the century (World War I and World War II, Communism, Post-communism, accession to the European Union). All readings and discussions in English; readings available in Polish for qualified students.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** JWST 412.

#### PLSH 490. Topics in Polish Culture. 3 Credits.

Study of topics in Polish literature and culture not currently covered in any other course. The specific topic will be announced in advance. Taught in English. Some readings in Polish for qualified students.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

## RUSS–Russian

### Undergraduate-level Courses

#### RUSS 101. Basic Russian Communication I. 4 Credits.

Essential basics of Russian for everyday conversations. Lays foundation for development of four language skills (speaking, writing, listening, and reading) indispensable for communication on everyday topics in a variety of contexts. Fosters interaction through acquisition of essential communicative and conversational strategies. Introduces learners to structure of contemporary standard Russian through culturally relevant materials.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

#### RUSS 102. Basic Russian Communication II. 4 Credits.

Further basics of Russian for everyday conversations. Continues to lay the foundation for development of four language skills (speaking, writing, listening, and reading) indispensable for communication on everyday topics in a variety of situational contexts. Fosters further interaction through acquisition of essential communicative and conversational strategies active in contemporary standard Russian through culturally relevant materials.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, RUSS 101; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

#### RUSS 203. Intermediate Russian Communication I. 3 Credits.

Transitional skills for fluent speaking, writing, listening, and reading for intermediate learners. Furthers learners' competency for communication on everyday topics. Prepares learners for communication on subjects beyond their immediate needs. Expands interactive skillset necessary to maintain conversations and present individual opinions using complex structures. Employs adapted and non-adapted learning materials to promote mastery of contemporary standard Russian.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, RUSS 102; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

#### RUSS 204. Intermediate Russian Communication II. 3 Credits.

Skills for fluent speaking, writing, listening, and reading for intermediate-to-advanced learners. Develops and deepens learners' mastery of contemporary standard Russian. Stresses communication, individual expression, and fosters cultural sensitivity through systematic expansion of learners' ability to conduct conversations in contemporary standard Russian on a widening variety of culturally relevant subjects.

#### Rules & Requirements

**Making Connections Gen Ed:** BN, CI, FL.

**Requisites:** Prerequisite, RUSS 203; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

#### RUSS 270. Crimes and Punishments: Russian Literature of the 19th Century. 3 Credits.

Reading and discussion of great works of 19th century Russian literature (Pushkin, Gogol, Turgenev, Dostoevsky, Tolstoy, and Chekhov). Readings and lectures in English.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

#### RUSS 275. Russian Fairy Tale. 3 Credits.

An introduction to the Russian fairy tale with attention to its roots in Russian folklore, its influence on Russian culture, and its connections with American folk and popular culture. Lectures and readings in English.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

#### RUSS 276. Mystery and Suspense in Russian Literature. 3 Credits.

The study of mystery and suspense in Russian literature of the 19th and 20th centuries. Readings and class discussions in English.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

#### RUSS 277. Love, Sex, and Marriage in Soviet Culture. 3 Credits.

A survey of the themes of love, sex, and marriage as they developed in Russian literature and culture from the Bolshevik Revolution to Perestroika. Readings and class discussions in English.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

#### RUSS 278. Russian and Soviet Science Fiction. 3 Credits.

This course will focus on key works of Russian and Soviet science fiction. Readings and discussions in English.

#### Rules & Requirements

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

#### RUSS 279. Sunstrokes in Dark Alleys: Russian Short Stories. 3 Credits.

An introduction to the Russian short story, focusing on the topic of love in all its intriguing aspects. The readings include works from the 18th century to the 20th. Taught in English. Previously offered as RUSS 460.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.



 **RUSS 280. Russian Villains, Western Screens: Ethno-Cultural Stereotypes on Page and Stage, in Movies and Minds. 3 Credits.**

A survey of fascinating history of Hollywood stereotypes of Russian villainy from Elizabethan England to Boris Badenov, Natasha Fatale, Ivan Drago, and Xenia Onatop. What do these theatrical buffoons, cartoon-movie monsters, and cinematic seductresses tell us about Russia – and about ourselves as consumers of stereotypes? Readings and discussions in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**RUSS 282. Russian Literature in World Cinema. 3 Credits.**

Survey of masterpieces of Russian literature in the context of their cinematic adaptations. Lectures and readings in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** CMPL 282.

**RUSS 296. Selected Readings in Russian. 1-12 Credits.**

Permission of the instructor. Directed readings in Russian on topics in literature and linguistics not normally covered in scheduled courses.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses**

**RUSS 409. Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context I. 3 Credits.**

Intermediate-to-advanced communication, conversation, composition, phonetics, and grammar in contemporary cultural context. Meets the needs of learners looking to expand their practical knowledge of contemporary standard Russian in the context of present-day culture, while developing active applied skills pertaining to comprehension, production of, and communication in Russian.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, RUSS 204; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

 **RUSS 410. Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context II. 3 Credits.**

Hones skills necessary for advanced communication, conversation, and composition. Presents phonetics and grammar in contemporary cultural context. Learners expand their practical knowledge of contemporary standard Russian in the context of present-day culture, while developing applied skills pertaining to comprehension, production of, and communication in Russian actively using authentic cultural materials.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, RUSS 409; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**RUSS 411. Advanced Communication, Conversation, and Composition in Contemporary Standard Russian I. 3 Credits.**

Develops and maintains advanced skills for speaking, writing, listening, and reading in contemporary standard Russian in a variety of communicative situations. Assists advanced learners in solving a wide range of communicative tasks with the aid of unadapted authentic cultural materials.

**Rules & Requirements**

**Requisites:** Prerequisite, RUSS 410; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**RUSS 412. Advanced Communication, Conversation, and Composition in Contemporary Standard Russian II. 3 Credits.**

Prepares advanced learners of contemporary standard Russian for communication with educated native speakers of the language in the area of their professional competence. Furthers interactive skills for speaking, writing, listening, and reading in a variety of communicative situations pertaining to the learners' professional expertise.

**Rules & Requirements**

**Requisites:** Prerequisite, RUSS 411; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **RUSS 415. Introduction to Russian Literature. 3 Credits.**

Reading and discussion of selected authors in Russian aimed at improving reading skill and preparing the student for higher level work in Russian literature. Readings and class discussions in Russian. Course previously offered as RUSS 250.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, RUSS 410; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**RUSS 445. 19th Century Russian Literature and Culture. 3 Credits.**

A survey of the major novels and stories of 19th century Russian fiction, which have entered the canon of world classics and redefined the idea of literature. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**RUSS 450. The Russian Absurd: Text, Stage, Screen. 3 Credits.**

Examines "The Absurd" in Russian literature and culture as it developed from 19th century to the present. Through works by important Russian writers and representative films students encounter facets of "The Russian Absurd" viewed as literary, cultural, and social phenomena. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**RUSS 455. 20th-Century Russian Literature and Culture. 3 Credits.**

As Russia became a laboratory for sociopolitical experiments of global significance, its culture reflected on the most spectacular of its aspirations and failures. Course surveys 20th-century literary, musical and cinematic artifacts that emerged to affect the world profoundly. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**RUSS 464. Dostoevsky. 3 Credits.**

Study of major works of Dostoevsky and a survey of contemporary literary and cultural trends relevant to his creative career. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**RUSS 465. Chekhov. 3 Credits.**

Study of major works of Chekhov and survey of contemporary literary and cultural trends relevant to his creative career. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**RUSS 469. Bulgakov. 3 Credits.**

Study of major works of Mikhail Bulgakov, including *Master and Margarita*, and a survey of contemporary Russian history and culture relevant to his creative career. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**RUSS 471. Gogol. 3 Credits.**

Study of major works of N. V. Gogol and a survey of contemporary authors and literary trends relevant to his creative career. Lectures and seminar discussions. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**RUSS 477. Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen. 3 Credits.**

Vladimir Nabokov's novel *Lolita* (1955) became a global phenomenon due to its unflinching portrayal of pedophilia. This course will delve deeper into the novel's moral complexity, its international context, and its reflection in mass culture, including movies by Stanley Kubrick (1962) and Adrian Lyne (1997). Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 477.

**RUSS 479. Tolstoy. 3 Credits.**

Study of the major works of Tolstoy and a survey of contemporary authors and literary trends relevant to his creative career. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**RUSS 480. Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities. 3 Credits.**

This course delves into the scintillating literary, visual, musical, and cinematic culture created by Jewish universalists seeking to build their new secular identity under the aegis of the Soviet Communist experiment in the aftermath of the 1917 Bolshevik coup. Surveys the works of Isaac Babel, Eduard Bagritsky, Marc Chagall, Sergey Eisenstein, Ilya Ehrenburg, Masha Gessen, Vasily Grossman, Osip Mandelshtam, and others. Taught in English; some readings in Russian for qualified students; films with English subtitles. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** JWST 480.

 **RUSS 486. Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015). 3 Credits.**

Using Alexievich as our beacon, we will explore the writers behind the term "Russian Women's Prose": Valeria Narbikova, Lyudmila Petrushevskaya, Tatyana Tolstaya, and Lyudmila Ulitskaya. The course will delve into gender identity and body politics as they manifest themselves in the literary texts of lasting aesthetic quality and social relevance. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** WGST 486, EURO 486.

**RUSS 490. Topics in Russian Culture. 3 Credits.**

Study of topics in Russian literature and culture not currently covered in any other course. The specific topic will be announced in advance. Taught in English. Some readings in Russian for qualified students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **RUSS 515. Advanced Russian Communication, Composition and Grammar in the Professions I. 3 Credits.**

RUSS 515 provides advanced learners with opportunities to develop linguo-cultural skills necessary to practice their profession in Russian. While engaged in academic discourse in contemporary standard Russian, learners research topics in their academic majors, prepare and give presentations and lead discussions focusing on their areas of professional competence. In addition to student-centered segments, the course comprises instructor-led discussions of current affairs and academic subjects. Readings, viewing materials, and discussions in Russian.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH, COMMBEYOND.

**Making Connections Gen Ed:** BN, EE- Mentored Research.

**Requisites:** Prerequisites, RUSS 412 or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **RUSS 516. Advanced Russian Communication, Composition and Grammar in the Professions II. 3 Credits.**

A continuation of RUSS 515, RUSS 516 develops and maintains the linguo-cultural skills of advanced-to-professional learners by preparing them for professional study-abroad experiences at Russophone institutions of higher learning. A seminar-style course with rotating instructors, it engages learners in contemplation, research, and discussion of subjects within the instructor's professional expertise. Readings, viewing materials, and discussions in Russian.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH, COMMBEYOND.

**Making Connections Gen Ed:** BN, EE- Mentored Research.

**Requisites:** Prerequisites, RUSS 515 or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**RUSS 562. Structure of Russian. 3 Credits.**

Examines Russian from the perspective of linguistic analysis. How do sounds, words, and sentences pattern in Russian? How do these compare with patterns in other languages? Also considers the influence of evidence from Russian on the development of linguistic theory.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101 or RUSS 102; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** LING 562.

## SLAV–Slavic

### Undergraduate-level Courses

 **SLAV 86. First-Year Seminar: Literature and Madness. 3 Credits.**

The seminar considers the relationship between literature and madness through the works of major Russian writers (Pushkin, Gogol, Dostoevsky, Turgenyev, Chekhov, Nabokov).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**SLAV 248. Childhood and Adolescence in Slavic Literature. 3 Credits.**

Childhood and adolescence as portrayed in both fictional and autobiographical form by 19th- and 20th-century Russian, Polish, Czech, and other East European writers, including Tolstoy, Dostoevsky, Nabokov, I. B. Singer, Schulz, Milosz. Lectures and readings in English. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**SLAV 250. Introduction to Non-Russian Slavic/East European Culture. 3 Credits.**

Reading and discussion of selected authors in the target language aimed at improving reading and analytical skills and preparing the student for higher level work.


**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, BULG 404, CZCH 404, HUNG 404, MACD 404, PLSH 404, or BCS 404; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **SLAV 277. Songs of Liberty, Light, and Resilience: Ukrainian Literature Today. 3 Credits.**

Ukraine's resistance to Russian aggression brought renewed attention to Europe's largest country, its history, and its quest for liberty and democracy. This course explores the ways in which Ukrainian national identity has been forged by revolutions, wars, engineered famines as well as thirst for liberty. Works of Ukraine's leading writers will help students form an independent critical opinion of the country's unique culture, its problems, and aspirations. All materials are in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Grading Status:** Letter grade.

**SLAV 296. Directed Readings in a Slavic Language. 1-12 Credits.**

Permission of the instructor. Directed readings in a Slavic language other than Russian on topics in literature and linguistics not normally covered in scheduled courses.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****SLAV 464. Imagined Jews: Jewish Themes in Polish and Russian Literature. 3 Credits.**

Explores the fictional representation of Jewish life in Russia and Poland by Russian, Polish, and Jewish authors from the 19th century to the present. Taught in English; some foreign language readings for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** JWST 464.

**SLAV 469. Coming to America: The Slavic Immigrant Experience in Literature. 3 Credits.**

Fictional and autobiographical expressions of the Slavic and East European immigrant experience in the 20th century. Readings include Russian, Polish, Jewish, and Czech authors from early 1900s to present. Taught in English; some foreign language readings for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 469.

**SLAV 470. 20th-Century Russian and Polish Theater. 3 Credits.**

A comparative survey of the major trends in 20th-century Russian and Polish dramaturgy and theatrical production, with attention to aesthetic, professional, and political connections between the two. Taught in English; some foreign language readings for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**SLAV 490. Topics in Slavic Culture. 3 Credits.**

Comparative study of topics in non-Russian Slavic literatures and culture not covered in any other course. Specific topics will vary and will be announced in advance. Taught in English; some foreign language readings for qualified students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

## Contact Information

**Department of Germanic and Slavic Languages and Literatures**

Visit Program Website (<https://gsll.unc.edu/>)

426 Dey Hall, CB# 3160

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**Administrative Manager**

Valerie Bernhardt

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## Germanic and Slavic Languages and Literatures Major, B.A.–Central European Studies Concentration

The Central European studies concentration in the Department of Germanic and Slavic Languages and Literatures (GSLL) equips students with linguistic, communicative, literary, cultural, and medial competencies necessary to thrive in a diverse, networked world. With this major concentration, Carolina students succeed in an endless variety of professional fields.

Central European courses range from basic language instruction to advanced research in the cultures of Poland, Ukraine, the Czech Republic, and their regional neighbors. These offerings focus on modern literature, film and new media, visual art, and cultural theory. Courses situate Central European subject matter within its broadest global contexts. Carolina also offers for rising sophomores and beyond an extensive portfolio of study abroad options in Eastern and Central Europe.

Carolina's Central European program offers a thorough and rigorous education in small personal college-like classes. Students are closely mentored for a variety of exciting career paths. Some go on to graduate or professional schools such as law or medical school. Others start their professional careers in sectors like banking and business, education, government, IT, journalism, law, military or civil service, non-governmental organizations, non-profits, policy think tanks, start-ups, research labs, and more.

Many Carolina students complement their Central European degrees with second majors in different fields. By combining Central European studies with a social or natural science major, Carolina graduates certify their balanced mastery of all that the liberal arts model embodies: qualitative critique, qualitative analysis, literacy in global cultures, and regional knowledge with vital relevance to current events.

## Student Learning Outcomes

Students will acquire linguistic proficiency, cultural competence, and critical and analytical skills through the study of Germanic and Slavic languages and cultures in visual, textual, and oral forms. The curricula in Germanic and Slavic languages and literatures are broadly interdisciplinary and place the comparative study of languages, literatures, and cultures in dialogue with other germane fields of knowledge, such as philosophy, film and media studies, history, and music. Particular attention is paid to the development of student research interests that can bridge their acquired linguistic and cultural knowledge with their aspirations in other disciplines. Upon completion of the

Germanic and Slavic Languages and Literatures program, students are able to:

- Speak effectively in the target language in a variety of social, academic, and professional settings, as well as use their native language for effective cross-cultural communication
- Write accurately in both the target language and English on a variety of topics relevant to the discipline
- Understand another culture's practices as meaningful sites for the articulation of identities and the negotiation of values
- Connect the critical interpretation of aesthetic texts to broader fields of intellectual inquiry
- Gain knowledge of the cultural history of Germanic and Slavic lands and link its relevance to both American and global histories
- Utilize disciplinary methods and theories in order to produce original, innovative research

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
GSLI 260	From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3
HIST 260	From Kings to Communists: East-Central Europe in the Modern Era	3
Two departmental courses (six credit hours) in CZCH, GERM, GSLI, HUNG, or PLSH numbered above 200 (not including introductory or intermediate foreign language courses, and not including GSLI 252 or GSLI 278 or GSLI 280) <sup>1</sup>		6
Four additional courses (12 credit hours), which may include departmental courses in CZCH, GERM, GSLI, HUNG, or PLSH numbered above 200 (not including introductory or intermediate foreign language courses, and not including GSLI 252 or 278 or 280), or approved Central European studies electives (see list below) <sup>1</sup>		12
<b>Additional Requirements</b>		
Students must establish credit for level 4 of one Central European language: <sup>2,3</sup>		3
GERM 204	Intermediate German II (or GERM 206) <sup>H</sup>	
CZCH 404	Intermediate Czech II	
HUNG 404	Intermediate Hungarian Language	
PLSH 404	Intermediate Polish II	
Students must establish credit for level 2 of an additional Central European language: <sup>3</sup>		6
GERM 102	Elementary German II (or GERM 105) <sup>H</sup>	
CZCH 402	Elementary Czech II	

HUNG 402	Elementary Hungarian	
PLSH 402	Elementary Polish II	
<b>Total Hours</b>		<b>33</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.





<sup>1</sup> GSLI 278 may be included as a major elective (for either category above) with permission of the director of undergraduate studies.

<sup>2</sup> The first three levels of the foreign language can count toward the General Education Foundations requirement and have not been included as additional hours for the major.

<sup>3</sup> By exam credit (BE) and placement credit (PL) may be used.

## Approved Central European Studies Electives

Code	Title	Hours
ANTH 449	Anthropology and Marxism	3
ARTH 455	City, Architecture, Art: Nuremberg as a European Artistic Center, 1300-1600	3
CMPL/GERM 279	Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
CMPL/GSLI 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
CMPL/GSLI 281	Holocaust Cinema in Eastern Europe	3
EURO 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
GERM/CMPL/ WGST 271	Women in German Cinema	3
HIST 140	The World since 1945	3
HIST/EURO 159	From War to Prosperity: 20th-Century Europe	3
HIST 306	Princes and Reformations in Germany, 1400-1600	3
HIST 307	War and Enlightenment in Germany, 1600-1815	3
HIST 458	Europe and the World Wars, 1914-1945	3
HIST 462	Germany, 1806-1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 466	Modern European Intellectual History <sup>H</sup>	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST/JWST 476	Religion and Ethnicity	3
HIST/JWST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3
HIST/JWST/ PWAD 262	History of the Holocaust: The Destruction of the European Jews	3
HIST/POLI/EURO 257	Politics, Society, and Culture in Postwar Germany	3
JWST/GSLI/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3

JWST/RELI 420	 Post-Holocaust Ethics and Theology <sup>H</sup>	3
JWST/SLAV 464	Imagined Jews: Jewish Themes in Polish and Russian Literature	3
PHIL 224	 Existential Philosophy and the Meaning(lessness) of Life <sup>H</sup>	3
PHIL 423	 Kant's Theoretical Philosophy	3
PHIL 427	Hegel	3
PHIL 471	Topics in 19th Century Philosophy	3
POLI/PWAD/SOCI 260	 Crisis and Change in Russia and Eastern Europe	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- Students may petition the director of undergraduate studies to include other courses with significant Central European content.
- Only one of the following courses may count toward the major: GSSL 691H, GSSL 692H, or GSSL 693H.
- At least four of the above courses (12 credit hours) must be taken at UNC–Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the relevant director of undergraduate studies about appropriate courses taken abroad for the major.
- Students may not re-enroll in a language course for which they have received PL or BE credit.

Germanic and Slavic Languages and Literatures course descriptions (p. 556) include:

- Germanic and Slavic Languages and Literatures (GSSL)
- Dutch (DTCH)
- German (GERM)
- Czech (CZCH)
- Hungarian (HUNG)
- Macedonian (MACD)
- Polish (PLSH)
- Russian (RUSS)
- Serbian and Croatian (SECR)
- Slavic (SLAV)

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider writing an honors thesis during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Students who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the first or second semester of their junior year, and complete an honors thesis contract. Second-semester juniors or first-semester seniors will be enrolled in GSSL 691H (honors reading and special studies) for their first semester of honors thesis work, once

the honors thesis contract is fully approved. For the second semester, once an updated contract is completed, students will be enrolled in GSSL 692H (writing the honors thesis). When GSSL 693H is offered, the course replaces GSSL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv, in order to ensure they receive information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor, or for those seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

### Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; the Freie University (FU-BEST) in Berlin, and the University of Freiburg; at the University of Zürich, Switzerland (new, starting in fall 2024); at the IES European Union and Environmental Programs in Freiburg, Germany; and at the IES Program (3 tracks) in Vienna.

Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin, the University of Zürich, or the IES program in Freiburg, or also the Baden-Württemberg exchange University of Mannheim which offers a number of courses in English. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' program "International Perspective on Sexuality and Gender." Exchange programs also are offered at Radboud University in Nijmegen, the University of Groningen, and the Erasmus University Rotterdam. Most courses are offered in English but students can study Dutch and even German. Students in economics and/or communication studies may take courses in English at the Erasmus University Rotterdam.

Students can study Russian during the summer, semester or yearlong terms through the RLASP (Advanced Russian Language and Area Studies Program) while earning credit towards their Carolina degree. UNC-Chapel Hill offers semester and summer programs in Prague, Czech Republic, Dobrovnik, Croatia, Budapest, Hungary, and Krakow, Poland.

For more information about these and other programs in eastern and central Europe, go to the Study Abroad website (<https://studyabroad.unc.edu/>). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

Opportunities specifically for language studies:

- DTCH: SIT Netherlands
- CZCH: NCSU Prague semester or summer programs, API Czech Republic, SIT Czech Republic
- BCS: API Croatia, API Serbia, Bosnia and Kosovo
- PLSH: API Poland

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German or another of our languages, but associated with a variety of courses offered in English on a related subject. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 580)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 584)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 586)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 590)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 592)

### Minors

- German Minor (p. 595)
- Russian Culture Minor (p. 597)
- Slavic and East European Languages and Cultures Minor (p. 599)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

## Contact Information

### Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<https://gsll.unc.edu/>)

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### Administrative Manager

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## Germanic and Slavic Languages and Literatures Major, B.A. –German Literature and Culture Concentration

The German literature and culture concentration in the Department of Germanic and Slavic Languages and Literatures (GSLL) equips students with linguistic, communicative, literary, cultural, and medial competencies necessary to thrive in a diverse networked world. With this major concentration, Carolina students succeed in an endless variety of professional fields.

Courses in German range from basic language instruction to advanced research in the cultures of Germany, Austria, and Switzerland. These offerings focus on medieval and modern literature, philosophy, and cultural theory as well as film and theater. Praxis-oriented courses include business German, translation studies, and internship courses. Carolina also offers for rising sophomores and beyond an extensive portfolio of study abroad options in German-speaking Europe.

German at Carolina offers a thorough and rigorous education in small personal college-like classes. German students are closely mentored for a variety of exciting career paths. Some go on to graduate or professional schools such as law or medical school. Others start their professional career in sectors like banking and business, education, government, IT, journalism, law, military or civil service, non-governmental organizations, non-profits, policy think tanks, start-ups, research labs, and more.

Many Carolina students who pursue a German degree have a second major in biology, chemistry, economics, environmental science, history, philosophy, psychology, or public policy. By combining German with a social or natural science major, Carolina graduates certify their balanced mastery of all that the liberal arts and sciences embody: qualitative critique and quantitative analysis.

### Student Learning Outcomes

Students will acquire linguistic proficiency, cultural competence, and critical and analytical skills through the study of Germanic and Slavic languages and cultures in visual, textual, and oral forms. The curricula in Germanic and Slavic languages and literatures are broadly interdisciplinary and place the comparative study of languages, literatures, and cultures in dialogue with other germane fields of knowledge, such as philosophy, film and media studies, history, and music. Particular attention is paid to the development of student research interests that can bridge their acquired linguistic and cultural knowledge with their aspirations in other disciplines. Upon completion of the Germanic and Slavic Languages and Literatures program, students are able to:

- Speak effectively in the target language in a variety of social, academic, and professional settings, as well as use their native language for effective cross-cultural communication
- Write accurately in both the target language and English on a variety of topics relevant to the discipline
- Understand another culture's practices as meaningful sites for the articulation of identities and the negotiation of values
- Connect the critical interpretation of aesthetic texts to broader fields of intellectual inquiry
- Gain knowledge of the cultural history of Germanic and Slavic lands and link its relevance to both American and global histories




- Utilize disciplinary methods and theories in order to produce original, innovative research

### Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
A minimum of eight GERM courses (24 credit hours) beyond GERM 204. These must include:		
GERM 301	 Advanced Applied German: Life, Work, Fun	3
GERM 302	 Advanced Communication in German: Media, Arts, Culture	3
GERM 303	 German Literature and Culture	3
At least two additional courses must be conducted in German and must be beyond GERM 306.		6
The three remaining courses must be selected in consultation with the director of undergraduate studies; these may be GERM courses numbered beyond GERM 204. GSLL courses numbered above 200 may only count toward the major with the approval of the director of undergraduate studies.		9
<b>Additional Requirements</b>		
Students must establish credit for GERM 204 (or GERM 206) as a prerequisite for a German major concentration. Students who desire to pursue a major in a German concentration should have a grade of B or better in GERM 203 and GERM 204 (or in GERM 206).		
Three German LAC credit hours may be used as a substitute for one three-hour course taught in German for the major. (See "Opportunities" above.)		
Dutch language courses (DTCH 402, DTCH 403, and DTCH 404) may not count toward the German major. However, DTCH 396 and DTCH 405 may be counted toward the German major as courses taught in the target language (i.e., not in English).		
At least four courses (12 credit hours) beyond GERM 206 must be taken at UNC–Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the director of undergraduate studies about appropriate courses taken abroad for the major.		
<b>Total Hours</b>		<b>24</b>




<sup>1</sup> GERM courses numbered above 399, or GSLL courses numbered above 200, may count toward the major with the approval of the director of



undergraduate studies, who will note whether the course is taught in English or in German.

Students who receive placement credit (PL) or By-Examination credit (BE) for GERM 301 and/or GERM 302 must substitute this credit with coursework (three credit hours each to replace GERM 301 and/or GERM 302) to complete the requirements for the concentration. The additional coursework must be numbered above GERM 303. Students may not re-enroll in a course for which they have received PL or BE credit.

Only one of the following courses may count toward the major:

Code	Title	Hours
GSSL 691H	 Honors Course	3
GSSL 692H	 Honors Course	3
GSSL 693H	 Honors Seminar	3

German (GERM) and Germanic and Slavic Languages and Literatures (GSSL) course descriptions (p. 556).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider writing an honors thesis during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Students who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the first or second semester of their junior year, and complete an honors thesis contract. Second-semester juniors or first-semester seniors will be enrolled in GSSL 691H (honors reading and special studies) for their first semester of honors thesis work, once the honors thesis contract is fully approved. For the second semester, once an updated contract is completed, students will be enrolled in GSSL 692H (writing the honors thesis). When GSSL 693H is offered, the course replaces GSSL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv, in order to ensure they receive information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor, or for those seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe.

Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

### Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; the Freie University (FU-BEST) in Berlin, and the University of Freiburg; at the University of Zürich, Switzerland (new, starting in fall 2024); at the IES European Union and Environmental Programs in Freiburg, Germany; and at the IES Program (3 tracks) in Vienna.

Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin, the University of Zürich, or the IES program in Freiburg, or also the Baden-Württemberg exchange University of Mannheim which offers a number of courses in English. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' program "International Perspective on Sexuality and Gender." Exchange programs also are offered at Radboud University in Nijmegen, the University of Groningen, and the Erasmus University Rotterdam. Most courses are offered in English but students can study Dutch and even German. Students in economics and/or communication studies may take courses in English at the Erasmus University Rotterdam.

Students can study Russian during the summer, semester or yearlong terms through the RLASP (Advanced Russian Language and Area Studies Program) while earning credit towards their Carolina degree. UNC-Chapel Hill offers semester and summer programs in Prague, Czech Republic, Dobrovnik, Croatia, Budapest, Hungary, and Krakow, Poland.

For more information about these and other programs in eastern and central Europe, go to the Study Abroad website (<https://studyabroad.unc.edu/>). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

Opportunities specifically for language studies:

- DTCH: SIT Netherlands
- CZCH: NCSU Prague semester or summer programs, API Czech Republic, SIT Czech Republic
- BCS: API Croatia, API Serbia, Bosnia and Kosovo
- PLSH: API Poland

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German or another of our languages, but associated with a variety of courses offered in English on a related subject. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 580)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 584)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 586)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 590)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 592)

### Minors

- German Minor (p. 595)
- Russian Culture Minor (p. 597)
- Slavic and East European Languages and Cultures Minor (p. 599)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

## Contact Information

### Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<https://gsll.unc.edu/>)

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### Administrative Manager

Valerie Bernhardt  
[gsll@unc.edu](mailto:gsll@unc.edu)

## Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration

The German media, arts, and culture concentration in the Department of Germanic and Slavic Languages and Literatures (GSLL) equips students with linguistic, communicative, literary, cultural, and medial competencies necessary to thrive in a diverse networked world. With this major concentration, Carolina students succeed in an endless variety of professional fields.

Courses in German range from basic language instruction to advanced research in the cultures of Germany, Austria, and Switzerland. These offerings focus on medieval and modern literature, philosophy, and cultural theory as well as film and theater. Praxis-oriented courses include business German, translation studies, and internship courses. Carolina also offers for rising sophomores and beyond an extensive portfolio of study abroad options in German-speaking Europe.

German at Carolina offers a thorough and rigorous education in small personal college-like classes. German students are closely mentored for a variety of exciting career paths: some go on to graduate or professional schools such as law or medical school. Others start their professional career in sectors like banking and business, education, government, IT, journalism, law, military or civil service, non-governmental organizations, non-profits, policy think tanks, start-ups, research labs, and more.

Many Carolina students who pursue a German degree have a second major in biology, chemistry, economics, environmental science, history, philosophy, psychology, or public policy. By combining German with a social or natural science major, Carolina graduates certify their balanced

mastery of all that the liberal arts and sciences embody: qualitative critique and quantitative analysis.

## Student Learning Outcomes

Students will acquire linguistic proficiency, cultural competence, and critical and analytical skills through the study of Germanic and Slavic languages and cultures in visual, textual, and oral forms. The curricula in Germanic and Slavic languages and literatures are broadly interdisciplinary and place the comparative study of languages, literatures, and cultures in dialogue with other germane fields of knowledge, such as philosophy, film and media studies, history, and music. Particular attention is paid to the development of student research interests that can bridge their acquired linguistic and cultural knowledge with their aspirations in other disciplines. Upon completion of the Germanic and Slavic Languages and Literatures program, students are able to:

- Speak effectively in the target language in a variety of social, academic, and professional settings, as well as use their native language for effective cross-cultural communication
- Write accurately in both the target language and English on a variety of topics relevant to the discipline
- Understand another culture's practices as meaningful sites for the articulation of identities and the negotiation of values
- Connect the critical interpretation of aesthetic texts to broader fields of intellectual inquiry
- Gain knowledge of the cultural history of Germanic and Slavic lands and link its relevance to both American and global histories
- Utilize disciplinary methods and theories in order to produce original, innovative research

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
A minimum of eight courses (24 credit hours), four of which must be taught in German (all 300-level GERM courses are conducted in German). These courses include:		
GERM 301	 Advanced Applied German: Life, Work, Fun	3
GERM 302	 Advanced Communication in German: Media, Arts, Culture	3
GERM 303	 German Literature and Culture	3

One GERM course taught in German and focusing on media, arts, or culture, numbered above 204 and below 400 (excluding GERM 301–GERM 306, GERM 388 and GERM 389). Students should consult with the director of undergraduate studies to focus their choice of courses on a particular interest. 3

One additional GERM course taught in German or English that focuses on media, arts, or culture, numbered above 204 and below 400 (excluding GERM 301–GERM 306, GERM 388 and GERM 389). Students should consult with the director of undergraduate studies to focus their choice of courses on their particular interests. 3

Three elective courses selected in consultation with the director of undergraduate studies from the list below. Students may also petition the director of undergraduate studies for approval of other suitable courses to count toward this requirement. 9

### Additional Requirements

Students must establish credit for GERM 204 (or GERM 206) as a prerequisite for a German major concentration. Students who desire to pursue a major in a German concentration should have a grade of B or better in GERM 203 and GERM 204 (or in GERM 206).







Three German LAC credit hours may be used as a substitute for one three-hour course taught in German for the major. (See “Opportunities” above.)
















Dutch language courses (DTCH 402, DTCH 403, and DTCH 404) may not count toward the German major. However, DTCH 396 and DTCH 405 may be counted toward the German major as courses taught in the target language (i.e., not in English).

At least four courses (12 credit hours) beyond GERM 206 must be taken at UNC–Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the director of undergraduate studies about appropriate courses taken abroad for the major.

**Total Hours** **24**

## Elective Courses

Code	Title	Hours
Any GERM course numbered beyond GERM 206 <sup>1</sup>		3
ARTH 272	 Northern European Art: Van Eyck to Bruegel	3
ARTH 274	 European Baroque Art	3
ARTH 275	18th-Century Art	3
ARTH 284	 Modernism II: 1905-1960	3
ARTH 365	Late Medieval Art	3
ARTH 454	Cathedrals, Abbeys, Castles: Gothic Art and Architecture, ca.1130-1500	3
ARTH 455	City, Architecture, Art: Nuremberg as a European Artistic Center,1300-1600	3
ARTH 471	Northern European Art of the 14th and 15th Centuries	3
ARTH 472	Early Modern Art, 1400-1750 <sup>H</sup>	3
COMM 412	 Critical Theory	3
CMPL 143	 History of Global Cinema	3
CMPL 375	 New Wave Cinema: Its Sources and Its Legacies	3
CMPL 411	Critical Theory	3

CMPL 460	 Transnational Romanticism: Romantic Movements in Europe and the Americas	3
CMPL 468	 Aestheticism	3
CMPL 470	 Concepts and Perspectives of the Tragic	3
CMPL/GERM 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
EURO/HIST 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3
GSLL 259	 Ideology and Aesthetics: Marxism and Literature	3
GERM/WGST 220	Women in the Middle Ages	3
GERM/CMPL/ WGST 271	Women in German Cinema	3
GSLL 260	From Berlin to Budapest: Literature, Film, and Culture of Central Europe	3
HIST 306	 Princes and Reformations in Germany, 1400-1600	3
HIST 307	 War and Enlightenment in Germany, 1600-1815	3
HIST 458	Europe and the World Wars, 1914-1945	3
HIST 462	Germany, 1806-1918: Politics, Society, and Culture H	3
HIST 463	Germany since 1918: Politics, Society, and Culture H	3
HIST 466	Modern European Intellectual History H	3
HIST/JWST 308	The Renaissance and the Jews	3
HIST/JWST/ PWAD 262	 History of the Holocaust: The Destruction of the European Jews	3
HIST/EURO/POLI 257	 Politics, Society, and Culture in Postwar Germany	3
HIST/PWAD 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
HIST/RELI 454	The Reformation	3
JWST/RELI 420	 Post-Holocaust Ethics and Theology H	3
MUSC 282	Bach and Handel	3
MUSC 283	Haydn and Mozart	3
MUSC 284	Beethoven and His Era	3
PHIL 224	 Existential Philosophy and the Meaning(lessness) of Life H	3
PHIL 229	20th-Century Western Philosophy	3
PHIL 423	 Kant's Theoretical Philosophy	3
PHIL 427	Hegel	3
PHIL 471	Topics in 19th Century Philosophy	3
RELI 522	 19th-Century Critiques of Religion	3




H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> GERM courses numbered above 399, or GSLL courses numbered above 200 that are not included in the above list, may count toward the major with the approval of the director of undergraduate studies, who will note whether the course is taught in English or in German.

Students who receive placement credit (PL) or By-Examination credit (BE) for GERM 301 and/or GERM 302 must substitute this credit with coursework (three credit hours each to replace GERM 301 and/or GERM 302) to complete the requirements for the concentration. The additional coursework must be numbered above GERM 303. Students may not re-enroll in a course for which they have received PL or BE credit.

Students may petition the director of undergraduate studies to include other courses with significant German media, art, and/or cultural content.

Only one of the following courses may count toward the major:

Code	Title	Hours
GSLL 691H	 Honors Course	3
GSLL 692H	 Honors Course	3
GSLL 693H	 Honors Seminar	3

German (GERM) course descriptions (p. 556).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider writing an honors thesis during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Students who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the first or second semester of their junior year, and complete an honors thesis contract. Second-semester juniors or first-semester seniors will be enrolled in GSLL 691H (honors reading and special studies) for their first semester of honors thesis work, once the honors thesis contract is fully approved. For the second semester, once an updated contract is completed, students will be enrolled in GSLL 692H (writing the honors thesis). When GSLL 693H is offered, the course replaces GSLL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be

added to the appropriate e-mail listserv, in order to ensure they receive information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor, or for those seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

## Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; the Freie University (FU-BEST) in Berlin, and the University of Freiburg; at the University of Zürich, Switzerland (new, starting in fall 2024); at the IES European Union and Environmental Programs in Freiburg, Germany; and at the IES Program (3 tracks) in Vienna.

Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin, the University of Zürich, or the IES program in Freiburg, or also the Baden-Württemberg exchange University of Mannheim which offers a number of courses in English. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' program "International Perspective on Sexuality and Gender." Exchange programs also are offered at Radboud University in Nijmegen, the University of Groningen, and the Erasmus University Rotterdam. Most courses are offered in English but students can study Dutch and even German. Students in economics and/or communication studies may take courses in English at the Erasmus University Rotterdam.

Students can study Russian during the summer, semester or yearlong terms through the RLASP (Advanced Russian Language and Area Studies Program) while earning credit towards their Carolina degree. UNC-Chapel Hill offers semester and summer programs in Prague, Czech Republic, Dobrovnik, Croatia, Budapest, Hungary, and Krakow, Poland.

For more information about these and other programs in eastern and central Europe, go to the Study Abroad website (<https://studyabroad.unc.edu/>). Majors and minors should consult with the

director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

Opportunities specifically for language studies:

- DTCH: SIT Netherlands
- CZCH: NCSU Prague semester or summer programs, API Czech Republic, SIT Czech Republic
- BCS: API Croatia, API Serbia, Bosnia and Kosovo
- PLSH: API Poland

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German or another of our languages, but associated with a variety of courses offered in English on a related subject. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 580)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 584)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 586)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 590)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 592)

**Minors**

- German Minor (p. 595)
- Russian Culture Minor (p. 597)
- Slavic and East European Languages and Cultures Minor (p. 599)

**Graduate Programs**

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

**Contact Information****Department of Germanic and Slavic Languages and Literatures**Visit Program Website (<https://gsll.unc.edu/>)

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Radislav Lapushin

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**Administrative Manager**

Valerie Bernhardt

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**Germanic and Slavic Languages and Literatures Major, B.A. – Russian Language and Culture Concentration**

The Russian concentration in the Department of Germanic and Slavic Languages and Literatures (GSLL) provides students with communicative and cultural mastery of a world language native for over 150 million speakers not only in the Russian Federation, Belarus, and Ukraine, but also in Central Asia and elsewhere. Russian is a less commonly taught language that the U.S. government designates as “critical” for national security.

Russian courses comprise five levels of language instruction from elementary to professional as well as offerings on Russian culture, literature, and civilization from 19th and 20th centuries to present. The GSLL Russian Program curriculum includes survey courses and chronological course sequences in addition to monographic courses focusing on major figures, genres, and cultural phenomena such as film, folklore, theater, as well as minority and expatriate cultures. The GSLL Russian Program equips students with a holistic critical perspective on Russian civilization in all its complexity and variety.

Students pursuing a Russian concentration may choose to have a second major in biology, chemistry, economics, environmental science, history, peace, war, and defense, philosophy, psychology, or public policy. Advanced levels of Russian linguo-cultural proficiency have specific career benefits for students interested in state service and ROTC cadets

and midshipmen. Students of Russian have graduated to pursue a number of career paths, from academic to business, from law to medical professions, as well as careers in diplomacy, the military, intelligence, and defense.

**Student Learning Outcomes**

Students will acquire linguistic proficiency, cultural competence, and critical and analytical skills through the study of Germanic and Slavic languages and cultures in visual, textual, and oral forms. The curricula in Germanic and Slavic languages and literatures are broadly interdisciplinary and place the comparative study of languages, literatures, and cultures in dialogue with other germane fields of knowledge, such as philosophy, film and media studies, history, and music. Particular attention is paid to the development of student research interests that can bridge their acquired linguistic and cultural knowledge with their aspirations in other disciplines. Upon completion of the Germanic and Slavic Languages and Literatures program, students are able to:

- Speak effectively in the target language in a variety of social, academic, and professional settings, as well as use their native language for effective cross-cultural communication
- Write accurately in both the target language and English on a variety of topics relevant to the discipline
- Understand another culture’s practices as meaningful sites for the articulation of identities and the negotiation of values
- Connect the critical interpretation of aesthetic texts to broader fields of intellectual inquiry
- Gain knowledge of the cultural history of Germanic and Slavic lands and link its relevance to both American and global histories
- Utilize disciplinary methods and theories in order to produce original, innovative research


**Requirements**

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
RUSS 409	Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context I	3
RUSS 410	 Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context II	3
RUSS 415	Introduction to Russian Literature	3
RUSS 445	 19th Century Russian Literature and Culture	3

RUSS 455	 20th-Century Russian Literature and Culture	3
	Four additional courses (12 credit hours) selected from Russian language and literature/culture courses (RUSS) <sup>1</sup>	12

#### Additional Requirements

Students must establish credit for RUSS 204 as a prerequisite for a Russian major concentration.

Students who desire to pursue a major concentration in Russian language and culture should have a grade of B or better in RUSS 203 and RUSS 204




Other than the introductory and intermediate language courses mentioned above, at least four courses (12 credit hours) must be taken at UNC–Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the relevant director of undergraduate studies about appropriate courses taken abroad for the major.

**Total Hours** **27**

<sup>1</sup> GSSL courses numbered above 200 may count toward the major with the approval of the director of undergraduate studies.

Students who receive placement credit (PL) or By-Examination credit (BE) for RUSS 409 and/or RUSS 410 must substitute this credit with coursework (three credit hours each to replace each course with PL or BE credit) to complete the requirements for the concentration. Students may not re-enroll in a course for which they have received PL or BE credit.

Only one of the following courses may count toward the major:

Code	Title	Hours
GSSL 691H	 Honors Course	3
GSSL 692H	 Honors Course	3
GSSL 693H	 Honors Seminar	3

Russian (RUSS) and Germanic and Slavic Languages and Literatures (GSSL) course descriptions (p. 556).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider writing an honors thesis during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Students who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the first or second semester of their junior year, and complete an honors thesis contract. Second-semester juniors or first-semester seniors will be enrolled in GSSL 691H (honors reading and special studies) for their first semester of honors thesis work, once the honors thesis contract is fully approved. For the second semester, once an updated contract is completed, students will be enrolled in GSSL 692H (writing the honors thesis). When GSSL 693H is offered, the course replaces GSSL 692H and provides an opportunity for students

majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

## Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv, in order to ensure they receive information regarding special events and opportunities.

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## Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

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Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin, the University of Zürich, or the IES program in Freiburg, or also the Baden-Württemberg exchange University of Mannheim which offers a number of courses in English. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

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Opportunities specifically for language studies:

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Established in 1999, the Paul Debreczeny Prize is awarded each spring to a graduating senior whose work in Slavic languages and literatures has been judged outstanding. This monetary prize honors one of the founding faculty members of the program in Slavic languages and literatures.

## Undergraduate Research

In addition to honors thesis work, students are encouraged to work on course-complementary or independent research projects with department faculty. Funding may be available through the Office of Undergraduate Research.

## Department Programs

### Majors

- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 580)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Literature and Culture Concentration (p. 584)
- Germanic and Slavic Languages and Literatures Major, B.A.—German Media, Arts, and Culture Concentration (p. 586)
- Germanic and Slavic Languages and Literatures Major, B.A.—Russian Language and Culture Concentration (p. 590)
- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 592)

### Minors

- German Minor (p. 595)
- Russian Culture Minor (p. 597)
- Slavic and East European Languages and Cultures Minor (p. 599)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

## Contact Information

### Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<https://gsll.unc.edu/>)

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### Administrative Manager

Valerie Bernhardt  
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## Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration

The Slavic and East European languages and cultures concentration in the Department of Germanic and Slavic Languages and Literatures (GSLL) equips students with linguistic, communicative, literary, cultural and medial competencies necessary to thrive in a diverse, networked



world. With a Slavic degree, Carolina students succeed in an endless variety of professional fields.

Slavic and East European courses range from basic language instruction to advanced research in the cultures of Poland, Ukraine, the Czech Republic, and their regional neighbors. These offerings focus on modern literature, film and new media, visual art, and cultural theory. Courses situate East European subject matter within its broadest global contexts. Carolina also offers for rising sophomores and beyond an extensive portfolio of study abroad options in East and Central Europe.

Carolina’s Slavic program offers a thorough and rigorous education in small, personal, college-like classes. Slavic students are closely mentored for a variety of exciting career paths: some go on to graduate or professional schools such as law or medical school. Others start their professional careers in sectors like banking and business, education, government, IT, journalism, law, military or civil service, non-governmental organizations, non-profits, policy think tanks, start-ups, research labs, and more.

Many Carolina students complement their Slavic program with second majors in different fields. By combining Slavic with a social or natural science major, Carolina graduates certify their balanced mastery of all that the liberal arts model embodies: qualitative critique, qualitative analysis, literacy in global cultures, and regional knowledge with vital relevance to current events.

## Student Learning Outcomes

Students will acquire linguistic proficiency, cultural competence, and critical and analytical skills through the study of Germanic and Slavic languages and cultures in visual, textual, and oral forms. The curricula in Germanic and Slavic languages and literatures are broadly interdisciplinary and place the comparative study of languages, literatures, and cultures in dialogue with other germane fields of knowledge, such as philosophy, film and media studies, history, and music. Particular attention is paid to the development of student research interests that can bridge their acquired linguistic and cultural knowledge with their aspirations in other disciplines. Upon completion of the Germanic and Slavic Languages and Literatures program, students are able to:

- Speak effectively in the target language in a variety of social, academic, and professional settings, as well as use their native language for effective cross-cultural communication
- Write accurately in both the target language and English on a variety of topics relevant to the discipline
- Understand another culture’s practices as meaningful sites for the articulation of identities and the negotiation of values
- Connect the critical interpretation of aesthetic texts to broader fields of intellectual inquiry
- Gain knowledge of the cultural history of Germanic and Slavic lands and link its relevance to both American and global histories
- Utilize disciplinary methods and theories in order to produce original, innovative research

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses

- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
One course demonstrating level 5 proficiency in a single target language:		3
BCS 405	Advanced Bosnian-Croatian-Serbian Language I	
CZCH 405	Advanced Czech I	
HUNG 405	Advanced Hungarian	
PLSH 405	Advanced Polish I	
RUSS 409	Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context I	
Two courses (six credit hours) of any other single Slavic/East European language		6
SLAV 250	Introduction to Non-Russian Slavic/East European Culture (or RUSS 415 for students with Russian as their first target language)	3
Four additional courses selected in consultation with the Slavic advisor from the Slavic/East European and Russian language and literature/culture courses (BCS, CZCH, HUNG, MACD, PLSH, RUSS, or SLAV) <sup>1</sup>		12
<b>Additional Requirements</b>		
Students must establish credit for level 4 of Bosnian-Croatian-Serbian (BCS 404), Czech (CZCH 404), Hungarian (HUNG 404), Polish (PLSH 404), or Russian (RUSS 204) as a prerequisite for a major concentration in Slavic and East European languages and cultures. Other than the introductory and intermediate language courses mentioned above, at least four courses (12 credit hours) must be taken at UNC–Chapel Hill to fulfill the requirements of the major. Majors who study abroad or wish to transfer credit from another institution may apply to transfer a maximum of four courses counting toward the major. Before their departure for a study abroad program, students should consult with the relevant director of undergraduate studies about appropriate courses taken abroad for the major.		
<b>Total Hours</b>		<b>24</b>

<sup>1</sup> GSLL courses numbered above 200 may count toward the major with the approval of the director of undergraduate studies.




Topics courses may be repeated for credit toward the major or minor.

Students interested in this concentration should have a grade of B or better in the intermediate-level course (203/204 or 403/404) in their first target language.

Students who receive placement credit (PL) or By-Examination credit (BE) for the courses in the first two core requirements above (the fifth-semester first-target-language requirement, as well as the two-course second-target-language requirement) must substitute this credit with coursework (three credit hours each to replace each course with PL or BE

credit) to complete the requirements for the concentration. Students may not re-enroll in a course for which they have received PL or BE credit.

Only one of the following courses may count toward the major:

Code	Title	Hours
GSSL 691H	 Honors Course	3
GSSL 692H	 Honors Course	3
GSSL 693H	 Honors Seminar	3

Germanic and Slavic Languages and Literatures course descriptions (p. 556) include:

- Germanic and Slavic Languages and Literatures (GSSL)
- Bosnian-Croatian-Serbian (BCS)
- Czech (CZCH)
- Dutch (DTCH)
- German (GERM)
- Hungarian (HUNG)
- Macedonian (MACD)
- Polish (PLSH)
- Russian (RUSS)
- Slavic (SLAV)

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider writing an honors thesis during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Students who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the first or second semester of their junior year, and complete an honors thesis contract. Second-semester juniors or first-semester seniors will be enrolled in GSSL 691H (honors reading and special studies) for their first semester of honors thesis work, once the honors thesis contract is fully approved. For the second semester, once an updated contract is completed, students will be enrolled in GSSL 692H (writing the honors thesis). When GSSL 693H is offered, the course replaces GSSL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

### Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be

added to the appropriate e-mail listserv, in order to ensure they receive information regarding special events and opportunities.

The department also hosts receptions and informational meetings for students interested in pursuing a major or minor, or for those seeking opportunities for internships, study abroad, graduate study, and employment in Germany, Russia, and Eastern or Central Europe. Every spring the department presents a Slavic and East European talent night, or *Spektakl'*, featuring skits, songs, puppet shows, plays, and poetry readings in the Slavic and East European languages students are learning. The department also presents full-length plays and dramatic readings in German performed by undergraduate students.

### Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

The Study Abroad Office offers German programs at all universities in the German state of Baden-Württemberg, as well as a dedicated exchange program with the Eberhard-Karls-Universität Tübingen; the Freie University (FU-BEST) in Berlin, and the University of Freiburg; at the University of Zürich, Switzerland (new, starting in fall 2024); at the IES European Union and Environmental Programs in Freiburg, Germany; and at the IES Program (3 tracks) in Vienna.

Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin, the University of Zürich, or the IES program in Freiburg, or also the Baden-Württemberg exchange University of Mannheim which offers a number of courses in English. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

The DAAD in conjunction with German universities usually offers some summer internships. Please see an undergraduate advisor in the department office about these opportunities.

Students who choose to study Dutch may study abroad in Amsterdam through the IES, or attend SIT Netherlands' program "International Perspective on Sexuality and Gender." Exchange programs also are offered at Radboud University in Nijmegen, the University of Groningen, and the Erasmus University Rotterdam. Most courses are offered in English but students can study Dutch and even German. Students in economics and/or communication studies may take courses in English at the Erasmus University Rotterdam.

Students can study Russian during the summer, semester or yearlong terms through the RLASP (Advanced Russian Language and Area Studies Program) while earning credit towards their Carolina degree. UNC-Chapel Hill offers semester and summer programs in Prague, Czech Republic, Dobrovnik, Croatia, Budapest, Hungary, and Krakow, Poland.

For more information about these and other programs in eastern and central Europe, go to the Study Abroad website (<https://studyabroad.unc.edu/>). Majors and minors should consult with the

director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

Opportunities specifically for language studies:

- DTCH: SIT Netherlands
- CZCH: NCSU Prague semester or summer programs, API Czech Republic, SIT Czech Republic
- BCS: API Croatia, API Serbia, Bosnia and Kosovo
- PLSH: API Poland

## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German or another of our languages, but associated with a variety of courses offered in English on a related subject. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

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## Department Programs

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### Minors

- German Minor (p. 595)
- Russian Culture Minor (p. 597)
- Slavic and East European Languages and Cultures Minor (p. 599)

### Graduate Programs

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## Contact Information

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### Administrative Manager

Valerie Bernhardt

[gsll@unc.edu](mailto:gsll@unc.edu)

## German Minor

The German minor in the Department of Germanic and Slavic Languages and Literatures (GSLL) equips students with conversational and written skills as well as literary, cultural, and medial competencies. The German minor consists of three core components:

1. Students achieve language proficiency by taking the third-year language and culture classes.
2. Introduction to German Literature teaches students the necessary tools to interpret and understand important works of German literary history as well as the cultural and political contexts in which they were produced.
3. The fourth course can be chosen from a wide range of offerings.




Together, the three components prepare Carolina students to succeed in an endless variety of professional fields. Students benefit from an extensive portfolio of study abroad as well as internship options.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC—Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
GERM 301	 Advanced Applied German: Life, Work, Fun	3
GERM 302	 Advanced Communication in German: Media, Arts, Culture	3
GERM 303	 German Literature and Culture	3
One additional course (3 credit hours) beyond GERM 204. The approval of the fourth course must be discussed with the director of undergraduate studies.		3
<b>Total Hours</b>		<b>12</b>

- GSLL courses numbered above 200 may count toward the minor with the approval of the director of undergraduate studies.
- Three German LAC credit hours may be used as a substitute for one three-hour course taught in German for the minor. (See “Opportunities” above.)
- Dutch language courses (DTCH 402, DTCH 403, and DTCH 404) may not count toward the minor. However, DTCH 396 and DTCH 405 may be counted toward the minor as courses taught in the target language (i.e., not in English).
- Students must establish credit for GERM 204 as a prerequisite for a German minor.
- Students who desire to pursue a minor in German should have a grade of B or better in GERM 203 and GERM 204.
- At least nine credit hours beyond GERM 204 must be taken at UNC–Chapel Hill to fulfill the requirements of the minor. Minors who study abroad or wish to transfer credit from another institution may apply to transfer one course counting toward the minor. Before their departure for a study abroad program, students should consult the relevant director of undergraduate studies about appropriate courses taken abroad for the minor.
- Students who receive placement credit (PL) or By-Examination credit (BE) for GERM 301 and/or GERM 302 must substitute this credit with coursework (three credit hours each to replace GERM 301 and/or GERM 302) to complete the requirements for the minor. The additional coursework must be numbered above GERM 303. Students may not re-enroll in a course for which they have received PL or BE credit.
- German (GERM) and Germanic and Slavic Languages and Literatures (GSLL) course descriptions (p. 556).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider writing an honors thesis during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Students who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the first or second semester of their junior year, and complete an honors thesis contract. Second-semester juniors or first-semester seniors will be enrolled in GSLL 691H (honors reading

and special studies) for their first semester of honors thesis work, once the honors thesis contract is fully approved. For the second semester, once an updated contract is completed, students will be enrolled in GSLL 692H (writing the honors thesis). When GSLL 693H is offered, the course replaces GSLL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

## Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv, in order to ensure they receive information regarding special events and opportunities.

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## Study Abroad

The department encourages students to study and/or engage in internships abroad. These opportunities maximize students' linguistic and cultural proficiency, particularly once they have acquired sufficient language skills to benefit most from this immersion experience. Students may participate for a whole year, a single term, or a summer.

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Most German programs require that participating students have passed GERM 204 (or its equivalent); however, students with no prior knowledge of German may attend the FUBiS or FU-BEST programs in Berlin, the University of Zürich, or the IES program in Freiburg, or also the Baden-Württemberg exchange University of Mannheim which offers a number of courses in English. These programs generally include intensive language instruction in addition to content courses taught in English, and most programs offer an orientation course prior to the start of the semester. The yearlong term typically begins in late August and ends in late July, with a two-month vacation between semesters that many students use for travel. Students going abroad for only one term generally do so in the spring semester, which typically begins in late February and ends in late July.

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Students can study Russian during the summer, semester or yearlong terms through the RLASP (Advanced Russian Language and Area Studies Program) while earning credit towards their Carolina degree. UNC-Chapel Hill offers semester and summer programs in Prague, Czech Republic, Dobrovnik, Croatia, Budapest, Hungary, and Krakow, Poland.

For more information about these and other programs in eastern and central Europe, go to the Study Abroad website (<https://studyabroad.unc.edu/>). Majors and minors should consult with the director of undergraduate studies or the appropriate undergraduate advisor in advance of going abroad about courses they plan to take for the major or minor.

Opportunities specifically for language studies:

- DTCH: SIT Netherlands
- CZCH: NCSU Prague semester or summer programs, API Czech Republic, SIT Czech Republic
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## Languages across the Curriculum

The Languages across the Curriculum (LAC) Program encourages majors and minors to enroll in one-credit-hour recitation or discussion sections that are conducted in German or another of our languages, but associated with a variety of courses offered in English on a related subject. Each of these discussion and recitation sections counts as one German language credit (in addition to the credit granted for the course).

## Undergraduate Awards

Membership in the Beta Rho chapter of Delta Phi Alpha, the German honors society, is available to majors and minors who have completed at least six credit hours of German language coursework at the 300 level and who have maintained high cumulative grade point averages and high grade point averages in the major.

The department selects annually one outstanding graduating senior majoring in German to receive the Undergraduate Ria Stambaugh Award for Excellence in German, a monetary award that is presented at the Chancellor's Awards Ceremony each spring. Ria Stambaugh was a popular professor of German; after her death in 1984 her sister, friends, and colleagues contributed to a memorial fund to establish the Ria Stambaugh Awards. The undergraduate award was first presented in 1987.

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## Undergraduate Research

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## Department Programs

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- Germanic and Slavic Languages and Literatures Major, B.A.—Central European Studies Concentration (p. 580)
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- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 592)

### Minors

- German Minor (p. 595)
- Russian Culture Minor (p. 597)
- Slavic and East European Languages and Cultures Minor (p. 599)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
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### Administrative Manager

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[gsll@unc.edu](mailto:gsll@unc.edu)

## Russian Culture Minor

The Russian culture minor in the Department of Germanic and Slavic Languages and Literatures (GSLL) equips students with regional expert knowledge and communicative, literary, cultural and medial competencies necessary to thrive in a diverse, networked world. This

minor can complement major concentrations in a diverse array of fields across the humanities, arts, and natural and social sciences.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
A minimum of five RUSS courses (15 hours) covering any aspect of Russian language, literature, or culture. <sup>1</sup>		15
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> The first two semesters of Russian (i.e., RUSS 101 and RUSS 102) may not be counted toward this minor.

- GSSL courses numbered above 200 may count toward the minor with the approval of the director of undergraduate studies.
- At least nine credit hours beyond RUSS 102 must be taken at UNC–Chapel Hill to fulfill the requirements of the minor. Minors who study abroad or wish to transfer credit from another institution may apply to transfer one course counting toward the minor. Before their departure for a study abroad program, students should consult the director of undergraduate studies about appropriate courses taken abroad for the minor.
- Students who receive placement credit (PL) or By-Examination credit (BE) for RUSS 203, RUSS 204, RUSS 409 and/or RUSS 410 must substitute this credit with coursework (three credit hours each to replace each course with PL or BE credit) to complete the requirements for the minor. Students may not re-enroll in a course for which they have received PL or BE credit.

Russian (RUSS) course descriptions (p. 556).

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider writing an honors thesis during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Students who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the first or second semester of their junior year, and complete an honors thesis contract. Second-semester juniors or first-semester seniors will be enrolled in GSSL 691H (honors reading and special studies) for their first semester of honors thesis work, once the honors thesis contract is fully approved. For the second semester, once an updated contract is completed, students will be enrolled in GSSL 692H (writing the honors thesis). When GSSL 693H is offered, the

course replaces GSSL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

## Student Involvement and Cultural Enrichment beyond the Classroom

Numerous social and educational events hosted by the department, as well as by student clubs such as the German Club, provide an atmosphere for effective learning and for enjoying German and Slavic culture. There are weekly opportunities in German, Russian, and other languages for informal conversation suitable for both beginning and advanced students. The department periodically sponsors lectures, roundtables, small conferences, and film series for the various languages. Those considering an undergraduate major or minor should request to be added to the appropriate e-mail listserv, in order to ensure they receive information regarding special events and opportunities.

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## Undergraduate Awards

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## Department Programs

### Majors

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- Germanic and Slavic Languages and Literatures Major, B.A.—Slavic and East European Languages and Cultures Concentration (p. 592)

### Minors

- German Minor (p. 595)
- Russian Culture Minor (p. 597)
- Slavic and East European Languages and Cultures Minor (p. 599)

### Graduate Programs

- M.A. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)
- Ph.D. in German Studies (<http://catalog.unc.edu/graduate/schools-departments/germanic-slavic-languages-literatures/>)

## Contact Information

### Department of Germanic and Slavic Languages and Literatures

Visit Program Website (<https://gsll.unc.edu/>)

426 Dey Hall, CB# 3160  
(919) 966-1642

#### Chair

Richard Langston  
[relangst@email.unc.edu](mailto:relangst@email.unc.edu)

#### Director of Undergraduate Studies

Aleksandra Prica  
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[gsllidus.unc.edu](mailto:gsllidus.unc.edu)

#### Administrative Manager

Valerie Bernhardt  
[gsll@unc.edu](mailto:gsll@unc.edu)

## Slavic and East European Languages and Cultures Minor

The Slavic and East European languages and cultures minor in the Department of Germanic and Slavic Languages and Literatures (GSLL) equips students with regional expert knowledge and communicative, literary, cultural, and medial competencies necessary to thrive in a diverse, networked world. This minor can complement major concentrations in a diverse array of fields across the humanities, arts, and natural and social sciences.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
A minimum of five courses (15 hours) in BCS, CZCH, HUNG, MACD, PLSH, RUSS, or SLAV. <sup>1</sup>		15
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> The first two semesters of any language may not be counted toward this minor (e.g., BCS 401/BCS 402, CZCH 401/CZCH 402, HUNG 401/HUNG 402, MACD 401/MACD 402, PLSH 401/PLSH 402, RUSS 101/RUSS 102).

- GSLL courses numbered above 200 may count toward the minor with the approval of the director of undergraduate studies.
- Students who receive placement credit (PL) or By-Examination credit (BE) for RUSS 203, RUSS 204, RUSS 409, or for the first five courses in BCS, CZCH, HUNG, or PLSH (401, 402, 403, 404, 405) must substitute this credit with coursework (three credit hours each to replace each course with PL or BE credit) to complete the requirements for the minor. Students may not re-enroll in a course for which they have received PL or BE credit.
- At least nine credit hours beyond the first two semesters of the language must be taken at UNC–Chapel Hill to fulfill the requirements of the minor. Students who study abroad or wish to transfer credit from another institution may apply to transfer one course counting toward the minor. Before their departure for a study abroad program, students should consult the director of undergraduate studies about appropriate courses taken abroad for the minor.
- Topics courses may be repeated for credit toward the major or minor.

Germanic and Slavic Languages and Literatures course descriptions (p. 556) include:

- Germanic and Slavic Languages and Literatures (GSLL)
- Bosnian-Croatian-Serbian (BCS)
- Czech (CZCH)
- Hungarian (HUNG)
- Macedonian (MACD)
- Polish (PLSH)
- Russian (RUSS)
- Slavic (SLAV)

## Special Opportunities in Germanic and Slavic Languages and Literatures

### Honors in Germanic and Slavic Languages and Literatures

Students majoring in Germanic and Slavic languages and literatures who are qualified for honors work are strongly encouraged to consider writing an honors thesis during their senior year. Undertaking an honors project gives students the opportunity to explore a topic in depth under the direction of a faculty member. Students who wish to do honors work should confer with the director of undergraduate studies and choose an honors thesis advisor during the first or second semester of their junior year, and complete an honors thesis contract. Second-semester juniors or first-semester seniors will be enrolled in GSLL 691H (honors reading and special studies) for their first semester of honors thesis work, once the honors thesis contract is fully approved. For the second semester, once an updated contract is completed, students will be enrolled in GSLL 692H (writing the honors thesis). When GSLL 693H is offered, the course replaces GSLL 692H and provides an opportunity for students majoring in any of our concentrations to complete their thesis in the context of a small seminar with other honors students. One of these honors courses may count toward the major.

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## Curriculum in Global Studies

### Introduction

Globalization of the economy, cross-cultural relations, international media, ecological crises, and political transformations are all making global studies more important today. The Curriculum in Global Studies offers an interdisciplinary program of study focusing on these and many other issues. It draws on courses throughout the social sciences, humanities, and professional schools and offers students the chance to concentrate on an area of the world and a theme of global significance.

Students prepare for careers in business, diplomacy, international aid, economic development, and other forms of public service. The global studies major is also excellent preparation for graduate school in one of the social sciences, in professions such as law, business, and journalism, or in international affairs and area studies.

Facebook: [facebook.com/UNCGlobalStudies](https://facebook.com/UNCGlobalStudies) (<http://facebook.com/UNCGlobalStudies/>)

Twitter: [twitter.com/UNC\\_GlobalCurr](https://twitter.com/UNC_GlobalCurr) ([http://twitter.com/UNC\\_GlobalCurr/](http://twitter.com/UNC_GlobalCurr/))

### Advising

All majors have a primary academic advisor in the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The curriculum's director of undergraduate studies works with current and prospective majors by appointment (see "Contacts" tab) to discuss major requirements, how study abroad credits transfer into the major, and other issues of relevance to global studies. Further information on courses, the honors program, internships, and more are available on the curriculum's website (<http://globalstudies.unc.edu/>).

## Graduate School and Career Opportunities

Global studies majors are prepared for a wide variety of careers in business, education, diplomacy, international aid and economic development, and other forms of public service. The major is also excellent preparation for graduate school in one of the social sciences; in professions such as law, business, or journalism; or in international affairs and area studies. Career resources can be found through University Career Services (<https://careers.unc.edu/>) and on the curriculum's website (<http://globalstudies.unc.edu/>).

#### Major

- Global Studies Major, B.A. (p. 606)

#### Graduate Programs

- Global Studies M.A. (<http://catalog.unc.edu/graduate/schools-departments/global-studies/#programstext>)

## Professors

Renée Alexander Craft (Communication), Chad Bryant (History), Mark Driscoll (Asian Studies), Banu Gökariksel (Geography), Liesbet Hooghe (Political Science), Arne Kalleberg (Sociology), Georges Nzongola-Ntalaja (African, African American, and Diaspora Studies), Elizabeth Olson (Geography), John Pickles (Geography), Graeme Robertson (Political Science), Meenu Tewari (City and Regional Planning), Milada A. Vachudova (Political Science).

## Associate Professors

Inger Brodey (English and Comparative Literature), Nina Martin (Geography), Townsend Middleton (Anthropology), Michael Morgan (History), Christopher Nelson (Anthropology), Eunice Sahle (African, African American, and Diaspora Studies), Brigitte Seim (Public Policy), Mark Sorensen (Anthropology), Angela Stuesse (Anthropology), Michael Tsin (History).

## Assistant Professor

Lucy Martin (Political Science).

## Adjunct Assistant Professors

Hannah Gill (Institute for the Study of the Americas), Niklaus Steiner (Political Science).

## Teaching Professors

Erica Johnson (Global Studies), Michal Osterweil (Global Studies), Jonathan Weiler (Global Studies).

## Teaching Assistant Professor

Carmen Huerta-Bapat (Global Studies).

## GLBL–Global Studies

### Undergraduate-level Courses

 **GLBL 87H. First Year Seminar: The Migratory Experience. 3 Credits.**


The seminar will critically analyze the migrant experience in both North America and Europe. Migration is a calculated decision that individuals, families, and groups make in an effort to improve their living conditions. We will adopt an interdisciplinary approach to understanding the motivation of migrants, the nature of the migrant journey to their destination states, and their integration into their new societies.

#### Rules & Requirements

 **IDEAs in Action Gen Ed: FY-SEMINAR.**

**Making Connections Gen Ed: BN, GL.**

**Grading Status:** Letter grade.

 **GLBL 88. First-Year Seminar: Beg, Borrow, and Steal: The Political Economy of Aid, FDI, and Corruption. 3 Credits.**

This seminar examines how politics and economics condition different countries' path towards and experience with foreign aid, foreign investment, and corruption. In doing so, the course will examine the effect of political conditions on economic outcomes and the effect of economic conditions on political outcomes.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

 **GLBL 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **GLBL 110. Global Policy Issues. 3 Credits.**

Global issues are challenges whose sources, impacts, and solutions extend beyond the borders of any one country. This course introduces students to some of the most pressing issues facing populations around the globe and to possible policy responses. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PLCY 110, PWAD 110.

**GLBL 181. Teaching Great Decisions I. 1 Credits.**

Permission of the department. This course gives credit to the Great Decisions coordinating committee for organizing the eight lectures in GLBL 381.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

 **GLBL 193. Global Studies Internship. 1 Credits.**

Internship in a sponsoring organization whose work or mission is meaningfully connected to a global studies topic.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**GLBL 196. Independent Study. 1-12 Credits.**

Permission of the instructor. Reading and research on special topics in global studies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **GLBL 210. Global Issues and Globalization. 3 Credits.**

Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 210, GEOG 210, HIST 210, POLI 210.

 **GLBL 221. The Migratory Experience. 3 Credits.**

The course will critically analyze the migrant experience in both North America and Europe. Migration is a calculated decision that individuals, families, and groups make in an effort to improve their living conditions. We will adopt an interdisciplinary approach to understanding the motivation of migrants, the nature of the migrant journey to their destination states, and their integration into their new societies.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-GLOBAL.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**GLBL 281. Phillips Ambassadors Program. 3 Credits.**

This academic course is mandatory for Phillips Ambassadors. Course open only to Phillips Ambassadors.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**GLBL 282. Global Gap Year Seminar. 3 Credits.**

This course is mandatory for Global Gap Year Fellows and is only open to Global Gap Year Fellows.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Service Learning.


**Grading Status:** Letter grade.

**GLBL 290. Current Topics in Global Studies. 0.5-21 Credits.**

An interdisciplinary approach to the study of the background, current status, and future prospects for one of a series of global issues such as the nuclear age, the environment, technological transition.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **GLBL 300. Apology, Forgiveness, and Reconciliation - The Case of Northern Ireland. 3 Credits.**

The course, which will take place in Belfast, Northern Ireland, aims to answer the following question: What does it take for an individual and a group to heal? And what does reconciliation mean and look like? The platform of Northern Ireland's conflict (aka "The Trouble") will be used to understand the challenges and successes of healing on an individual and group level. The course will provide a nuanced understanding of apology and forgiveness.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL, HI-ABROAD.

**Grading Status:** Letter grade.

**Same as:** PWAD 300.

**GLBL 381. Great Decisions. 1 Credits.**

Eight evening guest lectures, with a discussion session after each, on eight issues in current foreign policy. May be repeated for credit. Students may not receive credit for both GLBL 381 and POLI 381.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**GLBL 382. Latin American Migrant Perspectives: Ethnography and Action. 3 Credits.**

This class combines fieldwork, oral history, and service learning in a course that examines concepts of globalization, migration, and transnationalism, and their intersections with anthropological theory and practice.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

 **GLBL 383. Global Whiteness. 3 Credits.**

This course looks at race as a theory and practice as it has been constructed in academic disciplines, popular culture, and social struggle.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**GLBL 390. Current Topics in Global Studies. 3 Credits.**

Topics vary from semester to semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**GLBL 394. Teaching Great Decisions II. 2 Credits.**

This course links the Great Decisions lecture series with readings and analyses of international relations. Its purpose is to provide the students on the Great Decisions coordinating committee with a practical and intellectual engagement with United States foreign policy and global issues.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, GLBL 381.

**Repeat Rules:** May be repeated for credit. 6 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**Advanced Undergraduate and Graduate-level Courses** **GLBL 401. Right Wing Populism in Global Perspective. 3 Credits.**

This course will examine right wing populism globally. We will consider why right wing populism has gained traction in such diverse places as India, Brazil, Germany, France, Hungary, Britain, and the United States. We will ask what role such factors as religion, ethnicity, economics, and gender play in its rise. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

 **GLBL 413. Socialist and Decolonial Ecologies. 3 Credits.**

This course will focus on the relation of capitalism and anthropogenic climate change and feature Marxist and Indigenous critiques of capitalism's responsibility for climate change. We will feature an interdisciplinary lens - philosophy, feminist geography, cultural anthropology, socialist economics - that will analyze how the anthropocentric subject of the Enlightenment separated itself from its natural environment.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, GLBL 210.

**Grading Status:** Letter grade.


**GLBL 415. Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization. 3 Credits.**

Recommended preparation, GLBL 210. This course is dedicated to understanding how sameness and difference are used and contested globally, in particular through the criminal justice system and its intersection with race and capitalism. The course pays particular attention to popular social movement responses, and what they say to theories of difference, globalization, and social change.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, US.

**Grading Status:** Letter grade.

 **GLBL 450. Social Change in Times of Crisis: Knowledge, Action, and Ontology. 3 Credits.**

Examines dominant, alternative, and emergent narratives of change and the future from around the world. Takes as a premise that we live in a period of multidimensional crises characterized by uncertainty and conflict about how to pursue sustainable economic, ecological, political, social, and cultural projects. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** GL, US.

**Grading Status:** Letter grade.

 **GLBL 481. NGO Politics. 3 Credits.**

This course will investigate how nongovernmental organizations emerge, how they structure their organizations, how they function, and how they influence public policy. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Grading Status:** Letter grade.

**GLBL 482. Soviet and Post-Soviet Politics and Institutions. 3 Credits.**

This course is an introduction to the history and contemporary politics of the post-Soviet region and explores topics of religious, ethnic, and identity politics; international influences; and civil society and social movements. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GLBL 483. Comparative Health Systems. 3 Credits.**

This course provides students with an understanding of the origins and comparative performance of a range of international healthcare systems. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Grading Status:** Letter grade.

**GLBL 484. History and Politics of Central Asia. 3 Credits.**

This course is an introduction of the history, politics, and societies of Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, and Uzbekistan. The class explores the foundations and conditions of change in the modern history of these societies and investigates how these issues influence contemporary politics.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GLBL 485. Comparative Development. 3 Credits.**

This course is an APPLES service-learning course whose goal is to integrate real-world experience working with development-oriented organizations, theoretical discussions about the origins and evolution of development thinking, and exposure to the challenges facing practitioners of development, in some of its many substantive and geographical contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**GLBL 486. Sports and Globalization. 3 Credits.**

This course explores some of the relationships between sports and globalization and will delve into sports as an important social and cultural practice within larger social, cultural, and political forces shaping studies of globalization. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Grading Status:** Letter grade.

**GLBL 487. Social Movements: Rethinking Globalization. 3 Credits.**

This course explores the history, objectives, and manifestations of global social movements. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** GL, US.

**Grading Status:** Letter grade.

**GLBL 489. Paradigms of Development and Social Change. 3 Credits.**

By deliberately juxtaposing questions of global development with an investigation of approaches in community organizing locally—both through course material and service-learning assignments—the course encourages students to develop a more critical understanding of the relationship between development projects and emancipatory frameworks. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER, HI-SERVICE.

**Making Connections Gen Ed:** BN, EE- Service Learning.

**Grading Status:** Letter grade.

**GLBL 490. Current Topics. 3 Credits.**

Current topics in international and area studies. Topics vary by semester.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GLBL 491H. Major Controversies in Human Rights. 3 Credits.**

A forum for exploring conceptual and practical problems related to the emergence of a global human rights regime after World War II. The course analyzes relevant arguments, and students will consider whether it is possible to construct a coherent, workable, universally accepted system for articulating and enforcing human rights norms.

**Rules & Requirements**

**Grading Status:** Letter grade.

**GLBL 492. Global Food Films. 3 Credits.**

Thinking about one of our most basic human needs illuminates aspects of our own everyday lives, such as our relationship to nature, other cultures, and to history, as well as our general assumptions about humanity. Students will study films that explore cross-cultural differences in the social and philosophical understandings of what it is to be human. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**GLBL 691H. Honors in Global Studies. 3 Credits.**

Permission of the instructor. Preparation for writing the honors thesis.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**GLBL 692H. Honors in Global Studies. 3 Credits.**

Permission of the instructor. Completion of the honors thesis and an oral examination of the thesis.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Curriculum in Global Studies**

Visit Program Website (<http://globalstudies.unc.edu>)  
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## Global Studies Major, B.A.

The Curriculum in Global Studies offers an interdisciplinary undergraduate major that draws from the social sciences, humanities, and professional schools. It provides students the chance to explore issues of global significance, their application in specific geographic areas, and the differing impact of these global dynamics across world regions, through engagement with crucial issues of the movement of money, people, and ideas on a global scale.

### Student Learning Outcomes

Upon completion of the global studies program, students should be able to:

- Demonstrate facility with a range of approaches to knowledge typically found in global studies
- Discuss current academic perspectives on central global and trans-cultural issues
- Discuss major themes and movements in area studies and link them to a broader global perspective
- Construct logical and coherent arguments to support their analysis of global and trans-cultural issues from a diversity of perspectives (e.g. international politics, global economics, transnational culture, global health and environment)

### Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
GLBL 210	Global Issues and Globalization	3
Two core courses, each from a different department:		6
ANTH 142	Local Cultures, Global Forces <sup>H</sup>	
ANTH 380	Anthropological Perspectives on Cultural Diversity	
ARTH 150	The Visual World <sup>H</sup>	
ASIA/RELI 180	Introduction to Islamic Civilization	
ASIA/RELI 181	Modern Muslim Societies	

COMM 82	First-Year Seminar: Food Politics from an Organizational Communication Perspective	
DRAM 117	Perspectives in World Drama <sup>H</sup>	
ECON 360	Survey of International and Development Economics <sup>H</sup>	
ENEC 201	Introduction to Environment and Society <sup>H,F</sup>	
ENGL 141	World Literatures in English	
FREN 150	Globalization and the French-Speaking World	
GEOG 121	Geographies of Globalization	
GEOG 123	Cultural Geography	
GEOG 130	Development and Inequality: Global Perspectives <sup>F</sup>	
GEOG 212	Environmental Conservation and Global Change	
GEOG 232	Agriculture, Food, and Society	
GEOG/PWAD 120	World Regional Geography	
HIST 140	The World since 1945	
MEJO 446	Global Communication and Comparative Journalism	
MUSC 146	Introduction to World Musics	
PHIL/POLI/PWAD 272	The Ethics of Peace, War, and Defense	
PLCY/GLBL/PWAD 110	Global Policy Issues <sup>H</sup>	
POLI 130	Introduction to Comparative Politics <sup>H,F</sup>	
POLI 150	International Relations and Global Politics <sup>H,F</sup>	
SOCI 111	Human Societies	
SOCI 121	Population Problems	
SOCI 133	Sociology of Politics	
SOCI/WGST 124	Sex and Gender in Society	
WGST 281	Gender and Global Change	
Four courses from one of the following thematic areas <sup>1</sup>		12
Three courses from one of the following world areas <sup>1</sup>		9
<b>Additional Requirements</b>		
Credit for six levels of modern language study. <sup>2</sup>		9-10
<b>Total Hours</b>		<b>39-40</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.






<sup>1</sup> Of the seven courses in the thematic and world area concentrations, five must be numbered 200 and above.

<sup>2</sup> Students may choose six levels of one language or four levels of one language and two of another. The primary language must be relevant to the declared world area concentration. The curriculum urges students

to continue the study of a foreign language to a level as close as possible to fluency. The first three levels of a foreign language can count toward the General Education requirement and have not been included as additional hours for the major.

## Thematic Areas

### International Politics, Nation-States, Social Movements

Code	Title	Hours
AAAD 101	 Introduction to Africa	3
AAAD 307	21st-Century Scramble for Africa	3
AAAD 315	 Political Protest and Conflict in Africa	3
AAAD 316	Public Policy and Development in Africa	3
AAAD 403	 Human Rights: Theories and Practices in Africa	3
AMST 277	America's Role in the Global Environment <sup>H</sup>	3
ANTH 130	Anthropology of the Caribbean	3
ANTH 280	 Anthropology of War and Peace	3
ANTH 319	 Global Health	3
ANTH 360	Latin American Economy and Society	3
ANTH 375	Memory, Massacres, and Monuments in Southeast Asia	3
ANTH 468	State Formation	3
ARTH/HIST 514	 Monuments and Memory	3
ASIA/HIST/ PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
ASIA 300/ RELI 283	 The Buddhist Tradition: India, Nepal, and Tibet	3
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3
ENEC/POLI 254	International Environmental Politics	3
ENGL 279	Migration and Globalization	3
GEOG 423	Social Geography	3
GEOG 435	 Global Environmental Justice	3
GEOG 447	Gender, Space, and Place in the Middle East	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 453	 Political Geography	3
GEOG 460	 Geographies of Economic Change	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
GEOG 480	Liberation Geographies	3
GLBL 87H	 First Year Seminar: The Migratory Experience	3
GLBL 221	 The Migratory Experience <sup>F</sup>	3
GLBL 383	 Global Whiteness	3
GLBL 401	 Right Wing Populism in Global Perspective <sup>H</sup>	3
GLBL 415	Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization	3
GLBL 450	 Social Change in Times of Crisis: Knowledge, Action, and Ontology <sup>H</sup>	3
GLBL 481	 NGO Politics <sup>H</sup>	3
GLBL 487	 Social Movements: Rethinking Globalization <sup>H</sup>	3
GLBL 489	 Paradigms of Development and Social Change <sup>H</sup>	3
GLBL 491H	Major Controversies in Human Rights	3
HIST 101	 A History of Lies, Conspiracies, and Misinformation	3
HIST/PWAD 205	 War, Diplomacy, and Statecraft, 1618-1815	3
HIST/PWAD 206	 War, Diplomacy, and Statecraft, 1815-1945	3
HIST/PWAD 207	 The Global Cold War	3
HIST 276	 The Modern Middle East	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3
HIST 570	The Vietnam War	3
HIST 577	United States Foreign Relations in the 20th Century	3
LING 543	Language in Politics	3
MEJO 446	 Global Communication and Comparative Journalism	3
MUSC 291	 Music and Politics	3
POLI 130	 Introduction to Comparative Politics <sup>H, F</sup>	3
POLI 231	Latin America and the United States in World Politics	3
POLI 234	Comparative Politics of the Global South	3
POLI 235	 The Politics of Russia and Eurasia <sup>H</sup>	3
POLI 236	Politics of East-Central Europe <sup>H</sup>	3
POLI 238	 Politics of the Global South: Latin America <sup>H</sup>	3
POLI 239	 Introduction to European Government <sup>H</sup>	3
POLI 252	International Organizations and Global Issues <sup>H</sup>	3
POLI 253	Problems in World Order	3
POLI 255	International Migration and Citizenship Today <sup>H</sup>	3
POLI 260	 Crisis and Change in Russia and Eastern Europe	3
POLI 431	African Politics and Societies	3
POLI 433	Politics of the European Union <sup>H</sup>	3
POLI 435	 Democracy and Development in Latin America <sup>H</sup>	3
POLI 438	 Democracy and International Institutions in an Undivided Europe	3
POLI 442	 International Political Economy	3
POLI 443	American Foreign Policy: Formulation and Conduct	3
POLI 444	 Terrorism and International Peace	3
POLI 448	The Politics of Multilevel Governance	3
POLI 449	Beg, Borrow, or Steal: How Governments Get Money and Its Effects on Accountability	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
POLI 451	Race, Ethnicity, and Political Change in Comparative Perspective	3
POLI 457	International Conflict Processes	3
POLI 459	Trans-Atlantic Security <sup>H</sup>	3
POLI 470	Social and Political Philosophy <sup>H</sup>	3
POLI 471	Contemporary Political Thought <sup>H</sup>	3
POLI/PWAD 150	 International Relations and Global Politics <sup>H, F</sup>	3

POLI/PWAD 469	Conflict and Intervention in the Former Yugoslavia H	3
PWAD 250	 Introduction to Peace and Security Studies	3
PWAD 252	International Organizations and Global Issues <sup>H</sup>	3
PWAD 352	The History of Intelligence Operations	3
PWAD 489	Empire and Diplomacy <sup>H</sup>	3
RELI 181	 Modern Muslim Societies	3
SOCI 111	Human Societies	3
SOCI 121	Population Problems	3
SOCI 133	Sociology of Politics	3
SOCI 274	Social and Economic Justice	3
SOCI 481	Managing International Conflict	3
WGST 388	 The International Politics of Sexual and Reproductive Health	3
WGST 410	 Comparative Queer Politics	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.













## Global Economics, Trade, Development

Code	Title	Hours
AAAD 212	Africa in the Global System	3
AAAD 307	21st-Century Scramble for Africa	3
AAAD 410	 Gender, Sexuality, and Development in Contemporary Africa	3
ANTH 320	Anthropology of Development	3
ANTH 468	State Formation	3
BUSI 611	International Development: Focus on Indigenous Issues	3
BUSI 617	Global Marketing	3
ECON 360	Survey of International and Development Economics <sup>H</sup>	3
ECON 434	History of Economic Doctrines	3
ECON 450	Health Economics: Problems and Policy	3
ECON 460	 International Economics	3
ECON 461	European Economic Integration	3
ECON 465	 Economic Development	3
ECON 468	Socialism, Planning, and the Contemporary Russian Economy	3
ECON 469	 Asian Economic Systems	3
ECON 560	 Advanced International Economics	3
GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
GEOG 453	 Political Geography	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3

GEOG 460	 Geographies of Economic Change	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
GLBL 413	 Socialist and Decolonial Ecologies	3
PLAN 574	Political Economy of Poverty and Inequality	3
PLAN 773	Economic Development Seminar	3
POLI 435	 Democracy and Development in Latin America <sup>H</sup>	3
POLI 442	 International Political Economy	3
SOCI 58	 First-Year Seminar: Globalization, Work, and Inequality	3
SOCI 450	Theory and Problems of Developing Societies	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Global Health and Environment















Code	Title	Hours
ANTH 147	 Comparative Healing Systems	3
ANTH 151	 Anthropological Perspectives on Food and Culture	3
ANTH 238	 Human Ecology of Africa	3
ANTH 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3
ANTH 318	 Human Growth and Development	3
ANTH 319	 Global Health	3
ANTH/WGST 443	 Cultures and Politics of Reproduction	3
ANTH/WGST 445	 Migration and Health	3
ANTH 446	Poverty, Inequality, and Health	3
ANTH 470	Medicine and Anthropology	3
ANTH 473	Anthropology of the Body and the Subject	3
ARAB 214	 Medicine in the Arab World	3
ENEC/POLI 254	International Environmental Politics	3
ENEC/GEOG 264	Conservation of Biodiversity in Theory and Practice	3
ENEC 325	 Water Resource Management and Human Rights <sup>H</sup>	3-4
ENEC 330	Principles of Sustainability	3
ENEC 370	Agriculture and the Environment <sup>H</sup>	3
ENEC/PLCY 372	Global Environment: Policy Analysis and Solutions	3
ENEC/GEOG 437	 Social Vulnerability to Climate Change	3
ENEC 510	Policy Analysis of Global Climate Change	3
ENGL 268	 Medicine, Literature, and Culture <sup>H</sup>	3
ENVR 600	Environmental Health	3
ENVR 610	Global Environmental Health Inequities	3
FREN 305	Healthcare in France and the Francophone World	3
GEOG 212	 Environmental Conservation and Global Change	3
GEOG 222	Health and Medical Geography	3
GEOG 237	Natural Resources	3






















GEOG 269	 Human-Environment Interactions in the Galapagos Islands	3
GEOG 334	Human Ecology of Health and Disease	3
GEOG 435	 Global Environmental Justice	3
GEOG 437	 Social Vulnerability to Climate Change	3
GEOG 446	Geography of Health Care Delivery	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
GEOG/ENEC 451	 Population, Development, and the Environment	3
GLBL 483	 Comparative Health Systems <sup>H</sup>	3
HPM 660	International and Comparative Health Systems	3
MHCH 610	Issues in Maternal and Child Health	3
PLCY 565	Global Health Law & Policy	3
SOCI 469	Health and Society	3
WGST 388	 The International Politics of Sexual and Reproductive Health	3
WGST 610	 Feminism, Sexuality, and Human Rights	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Transnational Cultures, Identities, Arts




Code	Title	Hours
AAAD 210	African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	3
AAAD 284	 Contemporary Perspectives on the African Diaspora in the Americas	3
AAAD/WGST 200	 Gender and Sexuality in Africa	3
AMST/ENGL/ POLI 248/ WGST 249	 Intersectionality: Race, Gender, Sexuality, and Social Justice	3
ANTH 102	 Introduction to Cultural Anthropology	3
ANTH 123	 Habitat and Humanity	3
ANTH 147	 Comparative Healing Systems	3
ANTH 259	Culture and Identity	3
ANTH 280	 Anthropology of War and Peace	3
ANTH 284	 Culture and Consumption	3
ANTH 320	Anthropology of Development	3
ANTH 334	Art, Nature, and Religion: Cross-Cultural Perspectives	3
ANTH 429	 Culture and Power in Southeast Asia	3
ANTH 477	Visual Anthropology	3
ARTH 155	 African Art Survey	3
ARTH/HIST 514	 Monuments and Memory	3
ASIA 150	 Asia: An Introduction	3
ASIA/RELI 183	 Asian Religions	3
CMPL 143	 History of Global Cinema	3
COMM 574	War and Culture	3

DRAM 486	 Latin American Theatre	3
ENGL 164	 Introduction to Latina/o Studies <sup>H</sup>	3
FREN 280	 French "Discoveries" of the Americas in Translation	3
FREN 355	Visual Francophone Studies	3
FREN 375	Francophone Literature and Film	3
FREN 377	The Evolution of Frenchness since WWII	3
GEOG 56	 First-Year Seminar: Local Places in a Globalizing World	3
GEOG/ASIA 267	 South Asia	3
GEOG 447	Gender, Space, and Place in the Middle East	3
GEOG 448	Transnational Geographies of Muslim Societies	3
GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GLBL 383	 Global Whiteness	3
GLBL 486	 Sports and Globalization <sup>H</sup>	3
GLBL 492H	Global Food Films	3
HIST 139	 History of Muslim Societies since 1500	3
ITAL 385	 Italian Landscapes: Italy in the UNESCO World Heritage List	3
MEJO/WGST 442	Gender, Class, Race, and Mass Media	3
MEJO 446	 Global Communication and Comparative Journalism	3
MUSC 146	 Introduction to World Musics	3
MUSC 258	 Musical Movements: Migration, Exile, and Diaspora	3
RELI 121	 Introduction to Religion and Culture <sup>H</sup>	3
RELI 284	 The Buddhist Tradition: East Asia	3
RELI 285	 The Buddhist Tradition: Southeast Asia and Sri Lanka	3
RELI 345	 Black Atlantic Religions <sup>H</sup>	3
RELI 428	Religion and Anthropology <sup>H</sup>	3
SPAN 344	Latin@ American Cultural Topics	3
SPAN 378	 Afro-Hispanic Language Contacts	3
WGST 124	 Sex and Gender in Society	3
WGST 410	 Comparative Queer Politics	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## World Areas





### Africa

Code	Title	Hours
AAAD 101	 Introduction to Africa	3
AAAD 200	 Gender and Sexuality in Africa	3
AAAD 201	 Introduction to African Literature	3
AAAD 210	African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	3

AAAD 212	Africa in the Global System	3
AAAD 214	 Africa through the Ethnographic Lens	3
AAAD 300	 Cultures of Health and Healing in Africa	3
AAAD 301	Contemporary China-Africa Relations	3
AAAD 307	21st-Century Scramble for Africa	3
AAAD 315	 Political Protest and Conflict in Africa	3
AAAD 316	Public Policy and Development in Africa	3
AAAD 318	 Politics of Art in Africa	3
AAAD 320	 Music of Africa	3
AAAD 329	 Islamic Cultures and Literatures in Africa	3
AAAD 388	 Black Feminist Thought & the Speculative Imagination	3
AAAD 391	 Human Development and Sustainability in Africa and the African Diaspora	3
AAAD 400	Contemporary African Politics	3
AAAD 403	 Human Rights: Theories and Practices in Africa	3
AAAD 410	 Gender, Sexuality, and Development in Contemporary Africa	3
AAAD 414	Senegalese Society and Culture	3
AAAD 421	 Introduction to the Languages of Africa	3
AAAD 487	 Intellectual Currents in African and African Diaspora Studies	3
ANTH 226	The Peoples of Africa	3
ANTH 238	 Human Ecology of Africa	3
ARTH 255	African Art and Culture	3
GEOG 268	 Geography of Africa	3
HIST 130	 Modern African History	3
HIST 279	 Modern South Africa <sup>H</sup>	3
POLI 431	African Politics and Societies	3
WGST/HIST 313	 Women and the Law in Africa and the Middle East	3
ASIA 231	 Bollywood Cinema	3
ASIA 261	 India through Western Eyes	3
ASIA 262	 Nation, Film, and Novel in Modern India	3
ASIA/RELI 285	 The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ASIA 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
ASIA 333	 The Mahabharata: Remembered and Reimagined	3
ASIA 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3
CHIN 150	 Introduction to Chinese Civilization	3
CHIN 252	 Introduction to Chinese Culture through Narrative	3
CHIN 253	 Chinese Language and Society	3
CHIN 361	 Chinese Traditional Theater	3
CHIN 463	 Narrative Ethics in Modern China	3
CHIN 464	 The City in Modern Chinese Literature and Film	3
CHIN 562	 Contemporary Chinese Urban Culture and Arts	3
GEOG 266	 Society and Environment in Southeast Asia	3
GEOG/ASIA 267	 South Asia	3
HIST 134	Modern East Asia	3
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
HIST 287	Modern Japan	3
HIST 288	Japan in the 20th Century	3
JAPN 162	 Japanese Popular Culture	3
JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945	3
JAPN 482	 Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
KOR 150	 History, Memory, and Reality in Contemporary Korea	3
KOR 151	 Education and Social Changes in Contemporary Korea	3
KOR 232	 Imagining the City in Modern Korea: Text, Image, Space	3
KOR 327	 Korean Diasporas	3
KOR 346	 Body Politics in Modern Korean Literature <sup>H</sup>	3
PHIL 213	 Asian Philosophy	3
RELI 285	 The Buddhist Tradition: Southeast Asia and Sri Lanka	3
RELI 287	 Modern Japanese Religions	3
RELI 288	 Chinese Religions	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Asia

Code	Title	Hours
ANTH 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3
ANTH/ASIA 365	Chinese Diaspora in the Asia Pacific	3
ANTH 375	Memory, Massacres, and Monuments in Southeast Asia	3
ANTH/ASIA 545	The Politics of Culture in East Asia	3
ANTH/ASIA 574	Chinese World Views	3
ASIA/HIST 133	 Introduction to Chinese History	3
ASIA 134	Modern East Asia	3
ASIA 150	 Asia: An Introduction	3
ASIA 183	 Asian Religions	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Latin America

Code	Title	Hours
AAAD 260	Blacks in Latin America	3
AAAD 278	Black Caribbeans in the United States	3
AAAD 460	Race, Culture, and Politics in Brazil	3
AAAD 461	Race, Gender, and Activism in Cuba	3
ANTH 360	Latin American Economy and Society	3
ANTH/FOLK 130	Anthropology of the Caribbean	3
ARTH 267	Latin American Modernisms	3
GEOG 259	Society and Environment in Latin America	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
GEOG 457	Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3
GLBL 382	Latin American Migrant Perspectives: Ethnography and Action	3
HIST 142	Latin America under Colonial Rule	3
HIST 143	Latin America since Independence	3
HIST 145	Latin American Indigenous Peoples	3
HIST 175H	Honors Seminar in Latin American History	3
HIST 242	United States-Latin American Relations	3
HIST 248	Guerrillas and Counterinsurgencies in Latin America	3
HIST 532	History of Cuba	3
LTAM 101	Introduction to Latin American Studies	3
MUSC 147	Introduction to the Music of the Américas	3
POLI 231	Latin America and the United States in World Politics	3
POLI 238	Politics of the Global South: Latin America <sup>H</sup>	3
POLI 434	Politics of Mexico	3
POLI 435	Democracy and Development in Latin America <sup>H</sup>	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
PORT 310	Advanced Communication in Portuguese: Media & Entertainment	3
PORT 370	Modern Brazil through Literature and Film in Translation	3
PORT 375	Portuguese and Brazilian Fiction in Translation	3
PORT 387	Brazilian Religious Movements through Film and Literature	3
PORT 388	Portuguese, Brazilian, and African Identity in Film	3
RELI 151	Religion in Latin America	3
SPAN 344	Latin@ American Cultural Topics	3
WGST 280	Women and Gender in Latin American History	3
WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3

WGST 388	The International Politics of Sexual and Reproductive Health	3
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Middle East

Code	Title	Hours
ARAB 150	Introduction to Arab Cultures	3
ARAB 151	Arabic Literature through the Ages	3
ARAB 337	Borders and Walls in the Arab World	3
ARAB 453	Film, Nation, and Identity in the Arab World	3
ASIA 124	Iranian Post-1979 Cinema	3
ASIA/HIST/ PWAD 277	The Conflict over Israel/Palestine	3
ASIA 359	Literary Diasporas of the Middle East	3
ASIA 435	The Cinemas of the Middle East and North Africa	3
ASIA 462	The Arab-Jews: Culture, Community, and Coexistence	3
ASIA 471	Gender and Sexuality in Middle Eastern Literature	3
GEOG 447	Gender, Space, and Place in the Middle East	3
HIST 139	History of Muslim Societies since 1500	3
HIST 276	The Modern Middle East	3
HIST 537	Women in the Middle East	3
HIST 538	The Middle East and the West	3
JWST 107	Introduction to Modern Judaism	3
RELI 64	First-Year Seminar: Reintroducing Islam	3
RELI 180	Introduction to Islamic Civilization	3
RELI 181	Modern Muslim Societies	3
RELI 385	Modern Muslims and the Qur'an	3
RELI 480	Modern Muslim Literatures	3
RELI 581	Sufism	3
RELI 583	Religion and Culture in Iran, 1500-Present	3
RELI 584	The Qur'an as Literature	3
SOCI 419	Sociology of the Islamic World	3

## Western Europe and the European Union

Code	Title	Hours
ANTH 377	European Societies	3
ARTH 152	Art in Life: An Introduction to Western Art from the Renaissance to the Modern Period <sup>H</sup>	3
ARTH 283	Picturing Paris: 1800-2000	3

CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
DTCH 405	Topics in Dutch Culture: A Literary Survey	3
ECON 461	European Economic Integration	3
ENGL 278	Irish Writing, 1800-2000	3
EURO/HIST 159	From War to Prosperity: 20th-Century Europe	3
EURO 270	Religion in Western Europe <sup>H</sup>	3
FREN 305	Healthcare in France and the Francophone World	3
FREN 350	Current Societal Issues: France and Beyond	3
FREN 372	French and Francophone Studies since 1789	3
FREN 377	The Evolution of Frenchness since WWII	3
FREN 378	French and European Transmigrations: Global Contexts	3
FREN 386	French New Wave Cinema	3
FREN 388	History of French Cinema I: 1895-1950	3
FREN 389	History of French Cinema II: 1950 to the Present	3
GEOG 464	Europe Today: Transnationalism, Globalisms, and the Geographies of Pan-Europe	3
GERM 280	20th-Century German Philosophy and Modern Youth Cultures	3
GERM 302	Advanced Communication in German: Media, Arts, Culture	3
GERM 382	Representations of Violence and Terrorism in Contemporary German Literature and Film	3
GSLL 255	Germany and Cold War: Occupation, Division, Reunification, Renewed Conflict with Russia (1945-Today)	3
HIST/EURO/POLI 257	Politics, Society, and Culture in Postwar Germany	3
HIST 259	Towards Emancipation? Women in Modern Europe	3
HIST 262	History of the Holocaust: The Destruction of the European Jews	3
ITAL 320	Italian Cities and Cultures: History, Power, and Ecology	3
ITAL 330	Italian History and Culture I	3
ITAL 333	Italian Film and Culture	3
ITAL 335	Themes in Italian Film	3
ITAL 343	Italian Culture Today: Modern Italy as a Nation 1860 to Present	3
ITAL 365	Italian Food and Culture	3
ITAL 398	Undergraduate Seminar in Italian	3
POLI 232H	Politics of the United Kingdom	3
POLI 239	Introduction to European Government <sup>H</sup>	3
POLI 433	Politics of the European Union <sup>H</sup>	3
POLI 438	Democracy and International Institutions in an Undivided Europe	3
POLI 630	Political Contestation in Europe	3
PORT 388	Portuguese, Brazilian, and African Identity in Film	3

ROML 56	First-Year Seminar: Italians in Search of Harmony	3
SPAN 340	Iberian Cultural Topics	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Russia and Eastern Europe

Code	Title	Hours
GLBL 482	Soviet and Post-Soviet Politics and Institutions <sup>H</sup>	3
HIST 161	Russia Becomes an Empire	3
HIST 162	Russia under the Last Tsars and Soviet Commissars	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 482	Russia, Eurasian Empire	3
HIST 483	Nation and Religion in Russia	3
HIST 484	Islam in Tsarist and Soviet Russia	3
JWST/PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture	3
POLI 235	The Politics of Russia and Eurasia <sup>H</sup>	3
POLI 236	Politics of East-Central Europe <sup>H</sup>	3
POLI/PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI/PWAD/SOCI 260	Crisis and Change in Russia and Eastern Europe	3
RUSS 270	Crimes and Punishments: Russian Literature of the 19th Century	3
RUSS 445	19th Century Russian Literature and Culture	3
RUSS 469	Bulgakov	3
SLAV 248	Childhood and Adolescence in Slavic Literature <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Additional Information





The curriculum urges that in addition to fulfilling requirements, students continue the study of a foreign language to a level as close as possible to fluency. All majors should also make every effort to include a study abroad program in their undergraduate education, preferably in their sophomore or junior year.

Students must complete all General Education requirements. No courses fulfilling major requirements may be taken Pass/Fail.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students

entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
Foreign language level 1 (language 1)	4
Foreign language level 2 (language 1)	4
<b>Major Courses</b>	
Core course #1	3
<b>Hours</b>	<b>22</b>
<b>Sophomore Year</b>	
GLBL 210  Global Issues and Globalization <sup>1</sup>	3
Foreign language level 3 (language 1)	3
Foreign language level 4 (language 1)	3
Core course #2	3
Theme/area course (2 courses)	6
<b>Hours</b>	<b>18</b>
<b>Junior Year</b>	
Foreign language level 5 (language 1) OR foreign language level 1 (language 2)	3
Foreign language level 6 (language 1) OR foreign language level 2 (language 2)	3
Theme/area courses (3 courses)	9
<b>Hours</b>	<b>15</b>
<b>Senior Year</b>	
Theme/area courses (2 courses)	6
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>61</b>

<sup>1</sup> This is just a recommendation. GLBL 210 can be an appropriate course for first-year students.

## Special Opportunities in Global Studies

### Honors in Global Studies

Honors study involves the completion of a substantial piece of original research and the formal presentation of the results in an honors thesis and oral defense. Those who successfully complete the program are awarded their B.A. degree with either honors or highest honors in global studies. Students who wish to submit a thesis for honors in global studies must have at least a 3.3 cumulative grade point average and, under normal circumstances, a 3.5 grade point average in the major and must enroll in GLBL 691H and GLBL 692H. GLBL 692H may count toward the major as a theme or area studies course with departmental approval. GLBL 691H will count as elective credit only. Each prospective honors student must submit a two- to three-page prospectus outlining his/her project in the spring of their junior year. Students accepted into the global studies honors program will enroll in GLBL 691H in the fall of their senior year and GLBL 692H in the spring of their senior year.

## Joint Degree Program

UNC–Chapel Hill provides an innovative joint undergraduate degree program with the National University of Singapore (<http://www.nus.edu.sg/>). Approved programs are offered in biology, economics, English, geography, history, and political science. A program proposal for global studies is in development and if approved, will be available to students. This dynamic opportunity affords students the opportunity to take advantage of the complementary and differing strengths of faculty, programs, and environment at both world class universities.

For further information contact the Study Abroad Office (<https://studyabroad.unc.edu/find-program/joint-degree/>) or the director of undergraduate studies for global studies, Dr. Jonathan Weiler ([jweiler@email.unc.edu](mailto:jweiler@email.unc.edu)).

## Study Abroad (Recommended, but Optional)

Global studies majors are encouraged to gain experiential knowledge of the countries and thematic concerns they are studying through participation in an approved study abroad program appropriate to their areas of concentration. Every effort will be made by the curriculum to integrate study abroad courses into the major. Students must receive course approval from the director of undergraduate studies prior to departure for a program abroad. No credit will be given unless programs are preapproved.

## Undergraduate Awards

All majors in the Curriculum in Global Studies who study abroad are considered for two study abroad awards that are presented each year. These funds may be used to defray any expenses associated with studying abroad.

The Michael L. and Matthew L. Boyatt Award Fund provides several meritorious awards each year of no more than \$2,500 each. They are designated for majors who want to participate in a study abroad program pertinent to their area of concentration within global studies.

The Laura Hudson Richards Fund provides one award of \$2,500 each year to a major in the Curriculum in Global Studies who demonstrates both academic excellence and financial need.

In addition, each spring the curriculum awards the Douglas Eyre Prize to the student writing the best honors thesis. The curriculum also selects an annual recipient of the Anne Scaff Award for service to the curriculum and for internationalizing the College. Students chosen to receive the Eyre Prize and Scaff Award are recognized at the curriculum's spring commencement ceremony.

## Contact Information

### Curriculum in Global Studies

Visit Program Website (<http://globalstudies.unc.edu>)  
FedEx Global Education Center, Suite 2200, CB# 3263

### Chair

Banu Gökarkısel  
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### Director of Undergraduate Studies

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### Director of Graduate Studies

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**Student Services Manager**

Vacant

**Business Services Coordinator**

Julian Lindsay-Kaufman  
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## Department of Health Policy and Management

### Introduction

Health policy and management is a multidisciplinary field within public health that works to promote healthcare equity, quality, and accessibility for individuals and populations. The mission of the B.S.P.H. program in health policy and management is to improve the health of individuals and communities and reduce health inequities in the United States and around the world by educating future health leaders, managers, policymakers, practitioners, and researchers.

### Advising and Mentoring

All students receive support from a designated academic coordinator, an assigned faculty mentor, and a full-time career services coordinator in the department.

### Graduate School and Career Opportunities

Graduates of the B.S.P.H. program in health policy and management are very successful upon graduation. Nearly all are placed within a few months of graduation, with approximately 80 percent entering the workforce and about 20 percent going directly to graduate or professional school. Top employers include consulting firms, hospitals, and health systems, private non-profit organizations, private research organizations, and health information technology companies. Within 2–5 years of graduation, most of our graduates have pursued an additional degree, with the majority pursuing a medical degree or graduate degree in public health. Over 90 percent of recent graduates report doing work they consider public health and/or health-related.

**Major**

- Health Policy and Management Major, B.S.P.H. (p. 617)

### Professors

Ethan Basch, George Mark Holmes, Sheila Leatherman, Jessica Lee, Benjamin Meier, Jonathan Oberlander, George Pink, Kristin Reiter, Sally C. Stearns, Justin Trogdon, Morris Weinberger, Stephanie Wheeler.

### Associate Professors

Antonia Bennett, Darrell Burrell, Leah Frerichs, Bill Gentry, Erin Kent, Valerie Lewis, Kristen Hassmiller Lich, Susan Helm-Murtagh, Lindsey Haynes-Maslow, Chris Shea, Angela Stover, Sean Sylvia, Karl Umble, Karen Volmar.

### Assistant Professors

Arrianna Planey, Jeffrey Simms, Lisa Spees, Melanie Studer, Elizabeth Tomlinson, Ciara Zachary.

### Professors of the Practice

Sandra Greene, John Wiesman.

### Adjunct Instructor

Franklin Farmer.

### Professors Emeriti

Edward Brooks, Laurel Files, Sagar Jain, Arnold Kaluzny, Joe Morrissey, John Paul, William Zelman.

## HPM—Health Policy and Management

### Undergraduate-level

**HPM 310. Introduction to Health Law and Ethics. 3 Credits.**

An introduction to law and ethics in public health and healthcare organizations.

**Rules & Requirements**

**Requisites:** Prerequisite, HPM 350.

**Grading Status:** Letter grade.

**HPM 320. Introduction to Strategic Planning and Marketing in Health Care. 3 Credits.**

An introduction to the development and implementation of strategic planning and marketing processes in health care organizations.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 330. Introduction to Health Organization Leadership, Management, and Behavior. 3 Credits.**

Students develop skills in leadership and management and apply these skills to public health and health care cases and a team-based community project.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 340. Foundations of Health Care Financial Management. 3 Credits.**

Basic methods and techniques in financial management of health care programs, including financial statement analysis, cost determination and allocation, pricing of services, and budgeting.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 341. Information Systems, Technology, and Tools in Health Care. 3 Credits.**

This course examines information systems and technology in health care. Students also learn how to use MS Excel and MS Access.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 350. Introduction to the U.S. Health System I. 3 Credits.**

HPM 350 and 352 provide an overview of the United States health system. HPM 350 examines the performance, organization, management, and financing of the U.S. health system and the resources required to provide health services.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**HPM 351. Politics, Public Health, and Health Policy. 3 Credits.**

This course explores the politics of public health and health care policy in the United States, with a focus on current issues and controversies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 352. Introduction to the U.S. Health System II. 3 Credits.**

HPM 352, in conjunction with HPM 350, provides an overview of the United States health system. HPM 352 examines the delivery of health services and approaches to strengthening the performance of the U.S. health system.

**Rules & Requirements**

**Requisites:** Prerequisite, HPM 350.

**Grading Status:** Letter grade.

**HPM 390. Special Topics in HPM. 1-3 Credits.**

Special topics course for health policy and management undergraduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **HPM 393. Internship in Health Policy and Management. 2 Credits.**

A 320-hour internship in a health-related organization. The internship provides students an opportunity to apply the knowledge and skills they are learning in the classroom, gain valuable experience and explore career interests. Restricted to HPM B.S.P.H. students.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level****HPM 420. Community and Public Health Security: Disasters, Terrorism, and Emergency Management. 3 Credits.**

This course examines systems for emergency management at federal, state, and local levels. The roles of emergency management, health services, and public health in disaster management are also reviewed. Every other week, evening online sessions required with instructors.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 422. Emergency Management I: Analytic Methods. 3 Credits.**

Introduction of analytical tools to assess, evaluate, map, and investigate disasters (including biological outbreaks). These tools will be used to improve planning and evaluation of disaster management programs. Every other week, evening online sessions required with instructors.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 423. Emergency Management II: Disaster Management. 3 Credits.**

Explores issues of preparedness, response, recovery, mitigation, and research in disaster management. Students will participate in evacuation decision making, volunteer management, and the development of a disaster exercise. Every other week, evening online sessions required with instructors.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 472. Program Evaluation. 3 Credits.**

Concepts and methods of the program evaluation paradigm as applied in health administration.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 496. Readings in Health Policy and Management. 0.5-3 Credits.**

Directed readings or research. Written reports are required.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HPM 565. Global Health Policy. 3 Credits.**

Coursework will focus on public policy approaches to global health, employing interdisciplinary methodologies to understand selected public health policies, programs, and interventions. For students who have a basic understanding of public health.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** PLCY 565.

**HPM 571. Health and Human Rights. 3 Credits.**

Course focuses on rights-based approaches to health, applying a human rights perspective to selected public health policies, programs, and interventions. Students will apply a formalistic human rights framework to critical public health issues, exploring human rights as both a safeguard against harm and a catalyst for health promotion.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**Same as:** PLCY 570.

**HPM 600. Introduction to Health Policy and Management. 3 Credits.**

This course provides an overview of the United States health care system. Students will explore the system's organization, financing, management, resources, and performance. For each topic, they will analyze relevant legislation and discuss current issues. Students will develop skills in policy research and analysis, health care system evaluation, and basic financial literacy.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 601. Issues in Health Care. 1 Credits.**

Lectures on current topics in health care.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 602. Concurrent Practice. 1-3 Credits.**

Permission of the program director. Supervised activities in an approved health organization, to include one or more specific projects, approved by HPM faculty member and directed by an approved preceptor/mentor in the organization.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 605. Practice Application Journaling I. 0.5 Credits.**

This course is the first of six field-based Journal Practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HPM 606. Practice Application Journaling II. 0.5 Credits.**

This course is the second of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Rules & Requirements**

**Requisites:** Prerequisite, HPM 605.

**Repeat Rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HPM 607. Practice Application Journaling III. 0.5 Credits.**

This course is the third of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HPM 608. Practice Application Journaling IV. 0.5 Credits.**

This course is the fourth of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HPM 609. Practice Application Journaling V. 0.5 Credits.**

This course is the fifth of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HPM 610. Practice Application Journaling VI. 0.5 Credits.**

This course is the sixth and final of six field-based journal practica in which students monitor their learning processes, identify where knowledge and skills learned in courses are helpful and relevant to areas of their professional responsibility, and apply that knowledge and those skills to actual work situations.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 1 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HPM 620. Implementing Health Informatics Initiatives. 3 Credits.**

Focuses on implementing informatics programs and projects in health organizations. Informatics initiatives aim to facilitate effective information use for the purpose of improving the quality of health services and/or efficiency of processes. Therefore, these initiatives have implications for various stakeholder groups, including consumers, practitioners, administrators, and policy makers.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HPM 630. IHI Course in Healthcare Quality Improvement. 1.5 Credits.**

The IHI Certificate demonstrates an investment in further education and a strong knowledge base in quality improvement. Upon completion of this course, students will have met the requirements for the IHI Open School Certificate and participated in two in-person sessions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 660. International and Comparative Health Systems. 3 Credits.**

Methods of comparing health systems, examinations of related national health systems, and analysis of related high prevalence health issues.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 664. Globalization and Health. 3 Credits.**

Globalization—its economic, environmental, political, technological, institutional, and sociocultural dimensions—historically and currently contributes to beneficial and adverse effects on population, community, and family and individual health.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** MHCH 664.



**HPM 671. Statistical Methods for Health Policy and Management. 3 Credits.**

Introduction to statistical analysis for healthcare settings using an Excel framework. Topics include variable types, sampling, probability distributions, descriptive statistics, hypothesis testing, categorical data analysis, ANOVA, and introduction to regression methods. Previously offered as HPM 470.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HPM 690. Special Topics in Health Policy and Management. 0.5-3 Credits.**

Special topics course for health policy and management undergraduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **HPM 691H. Honors Research I. 3 Credits.**

Students design a research project, known as the Honors Thesis. Students write a research proposal and complete an IRB application toward partial completion of the thesis. Requires a UNC-approved cumulative GPA by the end of the junior year and permission of the instructor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **HPM 692H. Honors Research II. 3 Credits.**

Students complete, write up and present the Honors Thesis research project that they designed in HPM 691H. Requires having maintained the UNC-approved cumulative GPA by the end of the senior fall semester and permission of the instructor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, HPM 691H.

**Grading Status:** Letter grade.

**HPM 696. Research in Health Policy and Management. 1-3 Credits.**

This course is for health policy and management undergraduate or graduate students who wish to pursue applied research or practice opportunities with healthcare organizations under the supervision of a faculty member in the Department of Health Policy and Management.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**HPM 697. Health Policy and Management BSPH Capstone. 3 Credits.**

The capstone course serves as a culminating experience for students in the BSPH program in Health Policy and Management. Students integrate and apply the knowledge and skills they have learned across the program. Students work in teams to complete a major project with a local organization -- such as a hospital, health system, governmental health department, non-profit, or global health organization.

**Rules & Requirements**

**Grading Status:** Letter grade.

## Contact Information

**Department of Health Policy and Management**

Visit Program Website (<https://sph.unc.edu/hpm/hpm-degrees-and-certificates/bachelor-of-science-in-public-health-bsph/>)  
1101 McGavran-Greenberg Hall, CB# 7411  
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## Health Policy and Management Major, B.S.P.H.

Health policy and management is a multidisciplinary field within public health that works to promote the accessibility and quality of health services for individuals and populations and advance health equity. The mission of the B.S.P.H. program in health policy and management is to improve the health of individuals and communities and reduce health inequities in the United States and around the world by educating future health leaders, managers, policymakers, practitioners, and researchers.

The curriculum includes a combination of core public health courses, required courses in health policy and management, an 8-week internship completed the summer between junior and senior year, elective courses (including senior honors thesis and graduate-level options), and a year-long capstone experience. The curriculum emphasizes collaboration and application, with students working on multiple semester and year-long team projects, some with community partners.

Students go through the program in a cohort of about 45 students, creating a strong sense of community. The program also offers a

supportive learning environment. Each student is matched with a faculty mentor and supported by an academic coordinator and dedicated career services coordinator within the department.

Graduates of the program are very successful. Most graduates enter the workforce immediately after graduation, with top employers including consulting firms, hospitals and health systems, private research organizations, health insurance companies, health information technology companies, government agencies, non-profit organizations, and more. Within 2–5 years, the majority of graduates go on to pursue a graduate or professional degree, with the most common being a graduate degree in public health or medical degree. Learn more about what our students do after graduation here (<https://sph.unc.edu/wp-content/uploads/sites/112/2023/02/2022-Alumni-BSPH.pdf>).

Admission (<https://catalog.unc.edu/undergraduate/programs-study/health-policy-management-major-bsph/#admissionstext>) to the program is required.

## Student Learning Outcomes

Upon completion of the B.S.P.H. program in health policy and management, students should be able to demonstrate the following competencies:

### Knowledge of the U.S. Health System and Health Policy

- Examine the structure and financing of the U.S. health system, the delivery of health services, and strategies to improve health system performance
- Examine the politics of public health and health policy in the U.S.
- Analyze health-related legal and ethical issues and their impact on the U.S. health system

### Analytical, Teamwork, Management, and Leadership Skills

- Manage and analyze data using appropriate methods and tools
- Formulate strategic alternatives for achieving an organization's goals and objectives
- Apply basic methods and techniques in financial management
- Perform effectively on teams
- Demonstrate approaches to effectively lead and manage people, projects, and organizations

### Foundational Public Health Knowledge and Skills












- Describe health inequities, identify their root causes at multiple levels of the social ecological framework, and discuss approaches to advancing health equity
- Locate, use, evaluate, and synthesize public health information
- Communicate public health information, in both oral and written forms through a variety of media and to diverse audiences

Throughout the curriculum, students will also receive exposure to the following foundational public health domains:

- The history and philosophy of public health as well as its core values, concepts, and functions across the globe and in society
- The basic concepts, methods, and tools of public health data collection, use, and analysis and why evidence-based approaches are an essential part of public health practice

- The concepts of population health, and the basic processes, approaches, and interventions that identify and address the major health-related needs and concerns of populations
- The underlying science of human health and disease, including opportunities for promoting and protecting health across the life course
- The socioeconomic, behavioral, biological, environmental, and other factors that impact human health and contribute to health disparities
- The fundamental concepts and features of project implementation, including planning, assessment, and evaluation
- The fundamental characteristics and organizational structures of the U.S. health system as well as the differences between systems in other countries
- The basic concepts of legal, ethical, economic, and regulatory dimensions of health care and public health policy and the roles, influences, and responsibilities of the different agencies and branches of government
- The basic concepts of public health-specific communication, including technical and professional writing and the use of mass media and electronic technology

## Prerequisite Courses Required for Admission

Code	Title	Hours
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
ECON 101	 Introduction to Economics <sup>H, F</sup>	4
One of the following courses:		3-4
STOR 120	 Foundations of Statistics and Data Science <sup>F</sup>	
STOR 155	 Introduction to Data Models and Inference <sup>F</sup>	
One of the following courses:		3-4
MATH 130	 Precalculus Mathematics <sup>F</sup>	
MATH 152	 Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	
STOR 113	 Decision Models for Business and Economics	
<b>Total Hours</b>		<b>14-16</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Admission

The Gillings School of Global Public Health offers four undergraduate majors: biostatistics, environmental health sciences, health policy and management, and nutrition. The undergraduate degree offered is the bachelor of science in public health (B.S.P.H.). Enrollment in

the B.S.P.H. degree programs is limited, and students must apply for admission. Students typically apply in January of their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, the initial step of B.S.P.H. application is available in ConnectCarolina under the "Apply for Majors Change" tab. For additional information on application deadlines and how to apply, please visit the Public Health Undergraduate Majors (<https://sph.unc.edu/resource-pages/undergraduate-programs/>) website.

Transfer students interested in any of the B.S.P.H. degree programs must apply through the Office of Undergraduate Admissions (<http://admissions.unc.edu/apply/transfer-students/>) using the Transfer Common application.

For high school seniors, our four majors participate in the Assured Enrollment program through Undergraduate Admissions. Assured enrollment programs guarantee students a spot in an undergraduate major within one of Carolina's professional schools or a spot in an accelerated undergraduate/graduate program. For additional information, please visit Undergraduate Admissions: Special Opportunities (<https://admissions.unc.edu/explore/enrich-your-education/excelcarolina/>).


Students are subject to the requirements in place when they are admitted to the Gillings School of Global Public Health; consequently, the requirements described in this catalog particularly apply to students admitted to Gillings during the 2023–2024 academic year.












## Requirements

In addition to the program requirements listed below, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- earn a C (not C-) or better in all prerequisite, core, and additional courses required for the major
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Public Health Core Courses: <sup>1</sup>		
BIOS 600 or ECON 400	Principles of Statistical Inference  Introduction to Data Science and Econometrics	3
EPID 600	Principles of Epidemiology for Public Health	3
SPHG 351	Foundations of Public Health	3
SPHG 352	Public Health Systems and Solutions	4
Health Policy Management Courses: <sup>1</sup>		
HPM 310	Introduction to Health Law and Ethics	3
HPM 320	Introduction to Strategic Planning and Marketing in Health Care	3
HPM 330	Introduction to Health Organization Leadership, Management, and Behavior	3
HPM 340	Foundations of Health Care Financial Management	3
HPM 341	Information Systems, Technology, and Tools in Health Care	3
HPM 350	Introduction to the U.S. Health System I	3

HPM 351	Politics, Public Health, and Health Policy	3
HPM 352	Introduction to the U.S. Health System II	3
HPM 393	Internship in Health Policy and Management (requires a \$400.00 field training fee)	2
HPM 697	Health Policy and Management BSPH Capstone	3
<b>Additional Requirements <sup>2</sup></b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
ECON 101	 Introduction to Economics <sup>H, F</sup>	4
STOR 120 or STOR 155	 Foundations of Statistics and Data Science <sup>F</sup>  Introduction to Data Models and Inference	3-4
One of the following courses:		3-4
MATH 130	 Precalculus Mathematics <sup>F</sup>	
MATH 152	 Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	
STOR 113	 Decision Models for Business and Economics	
<b>Total Hours</b>		<b>56-58</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.




<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Requires a grade of C (not C-) or better



<sup>2</sup> Prerequisite courses required for admission.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies



**Major Courses**

BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
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ECON 101	 Introduction to Economics <sup>H, F</sup>	4
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<b>Hours</b>		<b>19</b>
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**Sophomore Year**


STOR 120	 Foundations of Statistics and Data Science <sup>F</sup>	3-4
or		
STOR 155	 Introduction to Data Models and Inference	


Select one of the following:		3-4
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MATH 130	 Precalculus Mathematics <sup>F</sup>	
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MATH 152	 Calculus for Business and Social Sciences <sup>F</sup>	
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MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	
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MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	
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MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	
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STOR 113	 Decision Models for Business and Economics	
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<b>Hours</b>		<b>6-8</b>
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**Junior Year****Fall Semester:**

HPM 341	Information Systems, Technology, and Tools in Health Care	3
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HPM 350	Introduction to the U.S. Health System I	3
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SPHG 351	Foundations of Public Health	3
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**Spring Semester:**

HPM 320	Introduction to Strategic Planning and Marketing in Health Care	3
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HPM 340	Foundations of Health Care Financial Management	3
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HPM 352	Introduction to the U.S. Health System II	3
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SPHG 352	Public Health Systems and Solutions	4
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**Any Semester in the Junior Year:**

EPID 600	Principles of Epidemiology for Public Health <sup>3</sup>	3
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**Any Semester in the Junior or Senior Year:**

BIOS 600	Principles of Statistical Inference <sup>1</sup>	3
or		
ECON 400	 Introduction to Data Science and Econometrics	


<b>Hours</b>		<b>28</b>
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**Senior Year****Fall Semester:**

HPM 393	Internship in Health Policy and Management <sup>2</sup>	2
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HPM 310	Introduction to Health Law and Ethics	3
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HPM 330	Introduction to Health Organization Leadership, Management, and Behavior	3
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HPM 691H	 Honors Research I (optional elective)	3
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**Spring Semester:**

HPM 351	Politics, Public Health, and Health Policy	3
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HPM 697	Health Policy and Management BSPH Capstone	3
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HPM 692H	 Honors Research II (optional elective)	3
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<b>Hours</b>		<b>20</b>
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<b>Total Hours</b>		<b>73-75</b>
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<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> BIOS 600 or ECON 400 can be taken any semester in the Junior or Senior year.

<sup>2</sup> HPM 393 is completed during the summer between the Junior and Senior year.

<sup>3</sup> EPID 600 is strongly recommended in the junior year, but may be taken in the senior year.

## Special Opportunities in Health Policy and Management

### Experiential Education

An 8-week full-time internship (320 hour minimum) is required during the summer between the junior and senior years. The internship provides students an opportunity to apply the knowledge and skills being acquired through their coursework, further develop and demonstrate attainment of program competencies, and explore career interests. Learn more about internships completed by past students here ([https://sph.unc.edu/wp-content/uploads/sites/112/2021/11/hpmbosph\\_Internships.pdf](https://sph.unc.edu/wp-content/uploads/sites/112/2021/11/hpmbosph_Internships.pdf)).

In addition, in the year-long senior capstone students work on consulting projects with health organizations in the community. This project serves as a culminating experience for the program, providing students with an opportunity to synthesize, integrate, and apply knowledge and skills gained through their coursework and further develop and demonstrate attainment of program competencies. These projects are completed under the direction of a faculty member and preceptor, typically within a public health department, community health center, hospital, medical office, or non-profit organization. Learn more about some of our past capstone projects here ([https://sph.unc.edu/wp-content/uploads/sites/112/2021/11/hpmbosph\\_capstones.pdf](https://sph.unc.edu/wp-content/uploads/sites/112/2021/11/hpmbosph_capstones.pdf)).

### Honors in Health Policy and Management

Eligible students have the option of completing a senior honors thesis, which generally includes designing and carrying out a research study or program evaluation. Students defend their proposals in the fall and their theses in the spring. Examples of research questions examined by past honors thesis students can be found here ([https://sph.unc.edu/wp-content/uploads/sites/112/2021/11/hpmbosph\\_honors\\_theses.pdf](https://sph.unc.edu/wp-content/uploads/sites/112/2021/11/hpmbosph_honors_theses.pdf)).

### School and Departmental Involvement

Opportunities exist for involvement in student organizations such as the Healthcare Executives Student Association, the Healthcare Improvement Group, AcademyHealth, the Student Global Health Committee, GlobeMed, the Minority Student Caucus, the Committee on Diversity and Inclusion, and the school's student government. Most students are also active in one or more health-related campus organizations, such as the Student Health Action Coalition (SHAC) and Get Covered Carolina.

## Study Abroad

Students are encouraged to study abroad prior to entering the program in the junior year. While in the program, students may complete their internship outside the United States.

## Undergraduate Awards

The department presents awards for undergraduate students at an annual Awards Day in late spring.

## Undergraduate Research

Students with research interests may seek opportunities to work with faculty members on research projects. Students in the program regularly find opportunities at research centers on campus, such as the Cecil G. Sheps Center for Health Services Research, the Lineberger Comprehensive Cancer Center, the Center for Health Equity Research, the Carolina Population Center, and the Center for Health Promotion and Disease Prevention.

## Contact Information

### Department of Health Policy and Management

Visit Program Website (<https://sph.unc.edu/hpm/hpm-degrees-and-certificates/bachelor-of-science-in-public-health-bsph/>)

1101 McGavran-Greenberg Hall, CB# 7411  
(919) 966-7350

### Chair

Morris Weinberger  
mweinber@email.unc.edu

### Associate Chair

Kristin Reiter  
reiter@email.unc.edu

### Associate Chair

Erin Kent  
Erin.Kent@unc.edu

### Program Director

Melanie Studer  
Melanie\_Studer@unc.edu

### Academic Coordinator

Yolonda Childs  
childsy@unc.edu

### Academic Program Support Coordinator

Danielle Lehner  
lehner@unc.edu

## Department of History

### Introduction

The study of history is an essential part of a liberal arts education and offers valuable preparation for many careers in law, business, and journalism; in local, state, and national government; in non-profit and international organizations; and, of course, in historical fields of expertise that include teaching, libraries, and museums. More broadly, by an exposure to a variety of cultures and human experience and by training in the interpretation of conflicting evidence, the Department of History seeks to prepare a person for the responsibilities of citizenship and for dealing with the ambiguities of human existence. Diversity in the history major program encourages a comparative approach to human problems

and discourages parochialism; specialization in the program promotes an appreciation of the complexity of human affairs and the difficulties involved in interpreting them. Finally, the discipline of history stimulates imagination and analytical thinking.

## Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisors and review their Tar Heel Trackers each semester. The Department of History offers students numerous advising resources to assist them with all things related to studying history at UNC–Chapel Hill, from making the initial decision to become a history major or minor to thinking about what to do after they complete their degree. Although history majors are not assigned individual faculty advisors, they are strongly encouraged to seek out the advice of their professors during office hours, especially if they are considering an independent study project, senior honors thesis, or applying for graduate study. The department's lecturer/advisor serves as a general advising resource for all history majors and minors as well as first- and second-year students who are considering a major in history.

## Graduate School and Career Opportunities

Most history majors at UNC–Chapel Hill develop careers that do not involve practicing history in its narrow sense. These students work in a range of fields: business, law, journalism, education, and government, for example. These students have found that they can apply to many different tasks the skills that history teaches: analyzing, conceptualizing, investigating, researching, interpreting large amounts of information, as well as communicating through writing and speaking.

Many history majors enter professional schools in a number of different areas. Law school, business school, and medical school rank high in popularity. By teaching students how to analyze problems, how to understand society and human behavior, and how to communicate effectively, a major in history provides excellent preparation for enrollment in a professional school.

Some majors end up using history directly in their vocations. Those who wish to teach history at the secondary level in public schools must obtain appropriate certification, usually through an M.A.T. degree. Other students pursue graduate study by entering a master's degree program in history that requires a thesis and takes about two years to complete. A student can then decide whether to proceed into a Ph.D. program, which normally requires an additional two years of study and the completion of a doctoral dissertation. Students who decide to pursue a Ph.D. in history generally teach at the college level. Some complete a master's degree in public history and work for government archives at the national, state, or local levels or for private nonprofit organizations, such as groups interested in restoration work.

### Major

- History Major, B.A. (p. 650)

### Minors

- History Minor (p. 659)
- Medieval and Early Modern Studies (MEMS) Minor (p. 660)

### Graduate Programs

- M.A. in History (<http://catalog.unc.edu/graduate/schools-departments/history/>)

- Ph.D. in History (<http://catalog.unc.edu/graduate/schools-departments/history/>)

## Professors

Cemil Aydin, William A. Barney, W. Fitzhugh Brundage, Marcus G. Bull, Peter A. Coclanis, Kathleen DuVal, Joseph T. Glatthaar, Karen Hagemann, Konrad H. Jarausch, Lloyd S. Kramer, Klaus W. Larres, Miguel A. La Serna, Wayne E. Lee, James L. Leloudis, Lisa A. Lindsay, Susan D. Pennybacker, Louis A. Pérez, Cynthia Radding, Donald M. Reid, Sarah D. Shields, Jay M. Smith, Brett E. Whalen.

## Associate Professors

Karen Auerbach, Chad Bryant, Erik Gellman, Jerma A. Jackson, Michelle T. King, Terence V. McIntosh, Michael Morgan, John W. Sweet, Eren Tasar, Michael Tsin, Katherine Turk, Benjamin Waterhouse, Molly Worthen.

## Assistant Professors

Anna Maria Silva Campo, Jennifer Grayson, Henry Gruber, Antwain Hunter, Lauren Jarvis.

## Teaching Associate Professors

Matthew Andrews, Joseph W. Caddell.

## Joint Professors

Robert C. Allen, Claude Clegg, Morgan J. Pitelka, Daniel J. Sherman.

## Research Assistant Professor

James G. Ferguson.

## Adjunct Professors

Daniel M. Cobb, Kenneth Janken.

## Adjunct Associate Professors

Jessica A. Boon, Daniel M. Cobb, Christian C. Lentz, Raúl Necochea, Anne M. Whisnant.

## Adjunct Assistant Professor

Rachel Seidman.

## Professors Emeriti

Samuel H. Baron, Stephen B. Baxter, Frederick O. Behrends, Judith M. Bennett, E. Willis Brooks, Christopher R. Browning, Melissa M. Bullard, Kathryn Burns, John C. Chasteen, Stanley J. Chojnacki, William R. Ferris, Peter G. Filene, W. Miles Fletcher, Jacquelyn D. Hall, Barbara J. Harris, Reginald Hildebrand, John F. Kasson, Lawrence D. Kessler, Richard H. Kohn, William E. Leuchtenburg, Roger W. Lotchin, Fred S. Naiden, Donald G. Mathews, W. James McCoy, Genna Rae McNeil, Louise McReynolds, Michael R. McVaugh, John K. Nelson, Theda Perdue, Donald J. Raleigh, John E. Semonche, Richard Talbert, Harry L. Watson, Gerhard L. Weinberg.

## HIST–History Undergraduate-level Courses

 **HIST 50. First-Year Seminar: Time and the Medieval Cosmos. 3 Credits.**

This course introduces first-year students to the basic motions of the solar system as viewed from the Earth along with the mechanical and mathematical models used to reproduce them, while exploring the history of medieval and early modern education, theology, and natural philosophy.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**Same as:** PHYS 50.

 **HIST 51. First-Year Seminar: Latin American Revolutions. 3 Credits.**

This course explores the problem of revolutionary upheaval in Latin American history, from the revolutionary wars of the independence era (1810-1825) to revolutionary episodes of the 20th century.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 52. First-Year Seminar: Conflicts over Israel/Palestine. 3 Credits.**

This course will familiarize students with the background of this ongoing conflict. It will begin with the growth of political Zionism in Europe, continue through early Zionist settlement, the United Nations partition and resulting war, and the history of the conflict through the present.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 53. First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000. 3 Credits.**


This course examines the experiences of American writers who traveled and lived in European cities during the era between 1830 and 1930 with the goal of developing historical insights into these writers' fascination with famous European cities and the experience of travel.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 55. First-Year Seminar: Preventing Broken Hearts in North Carolina: History and Health Care in the South. 3 Credits.**


How do scientists and humanists approach complex problems and work together to solve them? Team-taught by a doctor and a historian, this class explores how our state's health care system changed over the last fifty years, how those changes have affected people, and how history shapes both doctors and patients.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, EE- Mentored Research.

**Grading Status:** Letter grade.

 **HIST 59. First-Year Seminar: Rebuilding the American South: Work and Identity in Modern History. 3 Credits.**


This course examines how class experiences and debates over the meaning of work have shaped the postbellum Southern United States. Students will analyze how the South's technological innovation, politics, urban planning, consumer economy, and social movements have impacted the racial, gender, and sexual identities of its people.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

 **HIST 62. First-Year Seminar: Nations, Borders, and Identities. 3 Credits.**


This seminar will explore the ways people have identified themselves in relation to specific places, nation-states, and foreign "others." Examples may include the Kurdish nationalists, Islamist political parties, the Eritrean independence movement, and the Basque separatists.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 63. First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands. 3 Credits.**


Water has played pivotal roles in the histories, societies, and politics of Middle Eastern peoples. This course will survey the role of water in religious and cultural practices, technological innovations that facilitate agriculture, public health issues arising from water-borne diseases, and the contribution of water scarcity to cross-border political conflicts. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

 **HIST 64. First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia. 3 Credits.**


Examines Mikhail Gorbachev and the astonishing transformations that occurred while he governed the Soviet Union between 1985 and 1991. Students will explore post-Soviet Russia's efforts at negotiating a new set of relations with the rest of the world and how Russia continues to shape our own destiny.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 66. First-Year Seminar: Film and History in Europe and the United States, 1908-1968. 3 Credits.**

This course will examine major films in Europe and America from 1908 to 1968 in terms of how they shaped the medium and reflected important social trends.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

 **HIST 67. First-Year Seminar: Maid in America, Made in China: Laboring Women in Global Perspective. 3 Credits.**


Public figures ranging from former U.S. President Jimmy Carter to New York Times columnist Nicholas Kristof have suggested women's increased entry into the labor market as a cure for the problems that face their families and their societies. But scholars have demonstrated that paid work has offered women new freedoms while subjecting them to new forms of control. This course will explore that paradox by examining women's diverse experiences as workers historically and today.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

 **HIST 70. First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study. 3 Credits.**


Our homes, our workplaces, our towns, our natural areas-all are products of history, shaped by people, rich with meaning and full of surprises. Using Chapel Hill as our living laboratory, we will explore new ways of understanding the past and how it shapes the world we live in now.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, CI, EE- Field Work.

**Grading Status:** Letter grade.

 **HIST 72. First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory. 3 Credits.**


The course examines 20th-century European history through the lenses of women's autobiographical writings. It explores women's voices from different generational, social, and national backgrounds and asks what formed their memories. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST or FC-POWER.


**Making Connections Gen Ed:** HS, CI, NA.

**Grading Status:** Letter grade.

 **HIST 74. First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India. 3 Credits.**


Through a study of autobiographical texts, contemporary accounts, objects, architecture and later representations in scholarly works, films and novels, we will undertake a thematic investigation of the Mughal Empire (1526-1858), focusing on the period of the first six Mughal rulers of India.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 76. First-Year Seminar: Understanding 1492. 3 Credits.**

This seminar will examine one of the most challenging topics in American and Latin American history: how to understand the conquest (la conquista) of Latin America by the Spaniards after the arrival of Columbus after 1492.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

 **HIST 79. First-Year Seminar: Coming of Age in 20th Century America. 3 Credits.**

We will employ coming of age autobiographies to explore developments in the US during the 20th century. In these autobiographies the authors focus primarily on the periods of childhood and adolescence into young adulthood. We will consider many issues including: race, racism, immigration, religion, social class, and gender.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

 **HIST 80. First-Year Seminar: African American Music as History. 3 Credits.**


This course uses music to explore African-American life in the twentieth and twenty-first centuries. Students will investigate how African Americans, across time and space and in search of opportunity, created, used and marketed music. The course will examine three core groups- artists, music entrepreneurs and audiences.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

 **HIST 81. First-Year Seminar: Diaries, Memoirs, and Testimonies of the Holocaust. 3 Credits.**


In ghettos and hiding places during the Holocaust, European Jews and other victims of Nazism recorded their experiences in diaries and other chronicles. Students will read diaries and memoirs as well as listen to testimonies to understand Holocaust history through life narratives, exploring tensions between history and memory.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 83. First-Year Seminar: African History through Popular Music. 3 Credits.**

Examines popular music as a way of understanding African history from the 1930s to the present. We will read background materials on African historical developments and musical styles, do a lot of listening, and try to learn what African musicians tell us about their societies.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 84. First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies. 3 Credits.**

Explores the distinctive features of microhistorical approaches to the past and the attractions of microhistory for the practicing historian. Students will read a rich sampling of recent work (much of it featuring monsters, murder, and mayhem) and try their hand at writing their own microhistories. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 85. First-Year Seminar: What Concentration Camp Survivors Tell Us. 3 Credits.**

This is a seminar about reading so as to learn as much as we can from individuals expressing the inexpressible. It asks what (if anything) only camp survivors can tell us about the experience and what we can learn by exploring the effects of this experience on survivors. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.


 **HIST 89. First Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **HIST 101. A History of Lies, Conspiracies, and Misinformation. 3 Credits.**

This course, geared towards undergraduate students at the beginning of their college careers, will give students the tools needed to critically evaluate information. Texts from different historical periods, newsreels and propaganda movies, and a variety of different websites will be examined and deconstructed to understand how content can be presented or manipulated.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, CI.

**Grading Status:** Letter grade.



**HIST 102. Introduction to Major Problems in U.S History. 3 Credits.**

This course explores major events and trends in U.S. history from the pre-colonial period to the 21st century. It offers students an introduction to some of the most important developments in the nation's past and the tools to understand them. We will examine the evolution of political participation and discourse, fundamental changes and continuities in economic life, and the rise and fall of numerous social movements.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 103. Introduction to Major Problems in Modern World History. 3 Credits.**

This survey course explores major events and trends in global history from 1200 to the present. We will examine societies across six continents while focusing on several key themes and developments, including social and economic diversity and transformation; exchange, conflict, and evolution within and between societies; the rise and fall of imperial projects; and the parameters and consequences of global interconnectedness across time.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**HIST 104. Introduction to Major Problems in European History. 3 Credits.**

This course explores major events and themes in European history from the Early Modern period through the present. We will focus our attention on several key religious, social, and political developments, including the growth of the modern state and economy, the history and legacy of European imperialism, the rise and fall of various intellectual and social movements and their effects on society, and the making and unmaking of identities based on culture, nation, and region.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, NA.

**Grading Status:** Letter grade.

**HIST 105. Empires in World History. 3 Credits.**

This course explores and compares premodern and/or modern empires on a global scale, inquiring into rulers' strategies and subject peoples' experiences. Empires studied will depend on instructor's area of expertise, but may include Greeks, Romans, Chinese, Incas, West Africans, Mughals, and Ottomans, among others. Previously offered as HIST 345.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

 **HIST 106. Ancient History. 3 Credits.**

A topical survey of the ancient world, especially the civilization of the Near East, Greece, and Rome.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

 **HIST 107. Medieval History. 3 Credits.**

A survey of Western Europe and the Mediterranean World, 300-1500.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

 **HIST 108. Introduction to Early Medieval History 500-1050. 3 Credits.**

An introductory-level survey of early medieval political, cultural, religious and social history between ca.500 and ca.1050 with a geographical focus on Europe. This course also considers eastern Christianity and Islam, as well as parts of Asia, for comparison. Throughout the course students will closely analyze the evidence for the period.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

 **HIST 110. Introduction to the Cultures and Histories of Native North America. 3 Credits.**

An interdisciplinary introduction to Native American history and studies. The course uses history, literature, art, and cultural studies to study the Native American experience.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** AMST 110.

**HIST 111. Global Food History. 3 Credits.**

This course is designed to be a thematic introduction to the study of global food history, from ancient times to the present, with particular emphasis on the food-ways of non-Western regions, such as Afro-Caribbean, Chinese, Indian, Japanese, and Mexican.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 120. Sport and American History. 3 Credits.**

A survey of American sport history, from the colonial era to the present. Course will explore how sports have reflected larger trends in American life and analyze the different ways sports have influenced American history and shaped the world we occupy today.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**HIST 121. History of Religion in North America. 3 Credits.**

Surveys religious thought and practice in the United States and Canada from the colonial era to the present day. Themes include continuities and changes in expressing ancient faiths; the relationship between religion and politics; the intersection of theology with everyday life; and evolving notions of religious truth and toleration.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**HIST 124. United States History through Film. 3 Credits.**

Explores the history of the United States through films made about various historical eras. For each film, the instructor will lecture on the time period(s), the class will read relevant primary and secondary sources, and then the class will watch and discuss the film.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 125. The Social History of Popular Music in 20th-Century America. 3 Credits.**

Explores the relationship between popular music and major developments in 20th-century America. The course's overarching focus is how popular music has simultaneously unified and divided the nation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 127. American History to 1865. 3 Credits.**

A survey of various aspects of American development during the colonial, revolutionary, and national periods, with stress upon major themes and interpretations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**HIST 128. American History since 1865. 3 Credits.**

A survey of various aspects of American development during a century of rapid industrial, social, political, and international change, with stress upon major themes and interpretations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 129. Modern America, 1980-2020. 3 Credits.**

This course explores the history of the United States in the very recent past. Through a sustained analysis of key political, cultural, economic, and social developments, students will gain a deeper understanding of the complex issues and problems that shape American life today.

**Rules & Requirements**

**Making Connections Gen Ed:** NA, US.

**Grading Status:** Letter grade.

**HIST 130. Modern African History. 3 Credits.**

An overview of major developments in sub-Saharan African history since the late 19th century, focusing on colonialism, nationalism and decolonization, social change, and current issues, and drawing upon fiction, film, and primary sources.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 131. Southeast Asia to the Early 19th Century. 3 Credits.**

The history of Southeast Asia from prehistory to "high imperialism." Long-term political, economic, social, and religious developments, including Indianization, the impact of China, and the first contacts with Europeans.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 131.

**HIST 132. Modern Southeast Asia. 3 Credits.**

The history of Southeast Asia from the 19th century to the present. Long-term political, economic, social, and intellectual questions, including the impact of imperialism, the rise of nationalism, the transformation of the economy, the Cold War, and the coherence of Southeast Asia as a region.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 132, PWAD 132.

**HIST 133. Introduction to Chinese History. 3 Credits.**

Chinese history from its beginnings to the present, organized around the central theme of how the identity of China and 'Chineseness' was created.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 133.

**HIST 134. Modern East Asia. 3 Credits.**

Comparative and interdisciplinary introduction to China and Japan in the 19th and 20th centuries, focusing on impact of the West, nation building, industrialization, and evolution of mass society.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 134, PWAD 134.

**HIST 135. History of the Indian Subcontinent to 1750. 3 Credits.**

An introduction to major political, religious, social, and cultural events from 3500 BCE to 1750 CE with a focus on Hindu, Muslim, and Buddhist groups before British colonial rule.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 135.

**HIST 136. History of India, Pakistan, and Bangladesh: South Asia since 1750. 3 Credits.**

This course is an introduction to modern India, Pakistan, and Bangladesh. We will investigate major political, social, economic, and cultural issues from 1750 to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 136.

**HIST 137. Muhammad to Malcolm X: Islam, Politics, Race, and Gender. 3 Credits.**

This course provides an introduction to the history of the Islamic world from the time of the Prophet Muhammad to the present day. It seeks to expose students to key themes, individuals, and movements that have represented Islamic thought and practice, and enable students to engage directly with intra-Islamic debates.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 138. History of Muslim Societies to 1500. 3 Credits.**

A broad, comprehensive, and interdisciplinary introduction to the traditional civilization of the Muslim world. Students may not receive credit for both HIST 138/ASIA 138 and ASIA 180/RELI 180.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 138.

**HIST 139. History of Muslim Societies since 1500. 3 Credits.**

A broad interdisciplinary survey of the later Islamic empires since the 15th century and their successor societies in the modern Muslim world. Students may not receive credit for both ASIA 139/HIST 139 and ASIA 181/RELI 181.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 139.

**HIST 140. The World since 1945. 3 Credits.**

This introduction to the contemporary world examines the Cold War and its international aftermath, decolonization, national development across a variety of cases, and trends in the global economy.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**HIST 141. Globalization Since 1500. 3 Credits.**

Course explores how commodities have connected people and places around the world since 1500. Lectures, readings, and recitations focus on tracing the histories of specific commodities (e.g., sugar, opium, and uranium) across different contexts. Significant sub-themes include the history of business, international human rights, and science and technology.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 142. Latin America under Colonial Rule. 3 Credits.**

Social and economic development under colonial rule, especially in Mexico and Peru.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 143. Latin America since Independence. 3 Credits.**

A general introduction to Latin American society, culture, politics, and economics from a historical perspective. Focus will be on the events of the past two centuries.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 144. Women in the United States from Settlement to Present. 3 Credits.**

This course will survey the history of women, gender relations, and notions of sex difference in the United States from the colonial era to present times, with a special emphasis on women's varied experiences and expectations across divisions of class, race, and region. Key themes will include work, politics, citizenship, reproduction, sociability, and sexuality.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** WGST 144.

**HIST 145. Latin American Indigenous Peoples. 3 Credits.**

This course surveys the history of Latin American indigenous peoples from the conquest to the present. Focus is on indigenous struggles and survival strategies. Previously offered as HIST 527.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 151. European History to 1650. 3 Credits.**

European history from Greek antiquity to the mid-17th century.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**HIST 152. European History since 1650. 3 Credits.**

European history from the middle of the 17th century to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 153. From the Bible to Broadway: Jewish History to Modern Times. 3 Credits.**

This class surveys the history of the Jews from ancient to modern times. It focuses on the development of Jewish religion, culture identity, and politics in Jewish communities in the Western, Atlantic and Middle Eastern Worlds. It also explores the development of antisemitism and anti-Jewish violence.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** JWST 153.

**HIST 156. The British Empire, 1815-1994. 3 Credits.**

This course explores the modern empire from slavery and abolition, through Independence and the Cold War. Focusing on parts of Africa, Asia, the Caribbean, and the British Isles, we will consider issues of race, gender, religion, wealth inequality, war, and anti-colonialism.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 158. Early Modern European History, 1450-1815. 3 Credits.**

Intellectual and social structures, dynamics of social and political change, principles of authority, and bases of revolution from the Reformation to the French Revolutionary and Napoleonic period.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 159. From War to Prosperity: 20th-Century Europe. 3 Credits.**

A critical overview of 20th-century European history, with particular attention to the constant ethnic, religious, social, economic, and cultural struggles (including Holocaust, Cold War) in various subunits of the old continent.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** EURO 159.

**HIST 161. Russia Becomes an Empire. 3 Credits.**

Between 862 and 1861 Russia expanded from agrarian settlements into Europe's most formidable empire. Subjugated by Mongols in 1240, it recovered and absorbed territories from Poland to Alaska. Conquest came on the backs of an enserfed peasantry, whose emancipation began the next chapter in Russia's history.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**HIST 162. Russia under the Last Tsars and Soviet Commissars. 3 Credits.**

This course surveys fundamental issues affecting the Russian/Soviet/post-Soviet multinational empire in the last century and a half, emphasizing regime failures, revolutions, wars, and ethnic challenges.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 163. Modern Central Asia. 3 Credits.**

This course offers an introduction to the political, religious, cultural, and social history of "Russia" Central Asia (which you may have heard of as "the five 'stans") from the eighteenth century to the present day. We will conceptualize the Eurasian space across modern political boundaries by charting the evolution of several themes in different parts of the region. These themes include Islam, the state, ideology, gender, and the environment. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 164. Victorian Britain: From Slavery to South African War. 3 Credits.**

This course explores political, social, and cultural history from the Napoleonic Wars through the South African War. Surveys the history of the United Kingdom in the context of Britain's imperial expansion, including slavery, reform, women's suffrage, social movements, and Victorian wealth and poverty.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 165. 20th Century Britain: from the Great War to Brexit. 3 Credits.**

This course explores political, social, and cultural history from 1900 to the present: the two world wars, the declining empire, the extension of parliamentary democracy, the new welfare state, and a deeply diverse racial, ethnic, and religious society where social and economic differences remain. Who is British?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 166. History of Afghanistan. 3 Credits.**

The American occupation of Afghanistan after 9/11/2001, the longest war in United States history, continues a long pattern of great empires attempting to control the country. This course asks why it has been challenging for Afghanistan's rulers, both foreign and domestic, to build a centralized state in an historically decentralized society.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 174H. Honors Seminar in African, Asian, and Middle Eastern History. 3 Credits.**

Examines selected themes in the history of Africa, Asia, and/or the Middle East. Theme(s) chosen by the instructor. Possible subjects: colonialism, resistance movements, religion, gender, economic transformations.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 175H. Honors Seminar in Latin American History. 3 Credits.**

Examines selected themes in the history of Latin America. Theme(s) chosen by the instructor. Possible subjects: indigenous societies, colonialism, religion, the family, economic transformations.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 176H. Honors Seminar in Russian, Eurasian, and Eastern European History. 3 Credits.**

Examines selected themes in the history of Russia, Eurasia, and/or Eastern Europe. Theme(s) chosen by the instructor. Possible subjects: imperialism, revolution, the Soviet Union, war and society.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 177H. Honors Seminar in Early European History. 3 Credits.**

Examines selected themes in the history of Europe from ancient to early modern times. Theme(s) chosen by the instructor. Possible subjects: legacies of antiquity, philosophy and religion, feudal society, gender, and power.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 178H. Honors Seminar in Modern European History. 3 Credits.**

Examines selected themes in the history of modern Europe. Theme(s) chosen by the instructor. Possible subjects: effects of industrialism, nationalism, history of ideas, consumer society, modern revolutions, imperialism.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 179H. Honors Seminar in American History. 3 Credits.**

Examines selected themes in American history. Theme(s) chosen by the instructor. Possible subjects: colonial diversity, emerging nation, intellectual traditions, labor and capitalism, slavery and race relations, markets and political power, war and society.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 180. Genocide in Global Perspective. 3 Credits.**


The class begins with colonial contexts before moving to the late Ottoman Empire. After consideration of genocides in Europe in the first half of the twentieth century, the focus shifts to the violence of decolonization and postcolonial conflict. The class also asks whether genocide is a useful category of analysis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 189. The Global World Order from World War II to the Present. 3 Credits.**

This course deals with the establishment of the rules-based global order toward the end of the Second World War and analyzes the development of that order throughout the Cold War years and the post-Cold War era up to the present. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Grading Status:** Letter grade.

**HIST 190. Special Topics in History. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from the departmental office. Closed to graduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **HIST 203. Empires and Cultures in the Modern World. 3 Credits.**

This course will examine the relationship between Asia, Africa, the Middle East, Latin America, and the making of the modern world in the 20th century.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.


**HIST 204. Global Environmental Histories: People, Climate, and Landscapes. 3 Credits.**

Global warming? Hurricanes, floods, fires, food security: focusing on critical issues of human rights and changing forces in our natural world, this course prepares students to explore different sources on a variety of topics for present-day environmental issues and the entangled relations between nature and society on our planet.


**Rules & Requirements**


**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.


 **HIST 205. War, Diplomacy, and Statecraft, 1618-1815. 3 Credits.**  
The history of European international politics from the outbreak of the Thirty Years War to the Congress of Vienna. Considers the sources of national power, the reasons for war, and the changing nature of diplomacy.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.  
**Making Connections Gen Ed:** GL, WB.  
**Grading Status:** Letter grade.  
**Same as:** PWAD 205.


 **HIST 206. War, Diplomacy, and Statecraft, 1815-1945. 3 Credits.**  
The history of international politics from the fall of Napoleon to the end of the Second World War, with special attention to European nationalism, imperialism, the emergence of non-European great powers, the reasons for war, and the search for peace.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.  
**Making Connections Gen Ed:** HS, GL.  
**Grading Status:** Letter grade.  
**Same as:** PWAD 206.


 **HIST 207. The Global Cold War. 3 Credits.**  
A survey of the Cold War from its origins in the aftermath of the Second World War to its conclusion in the late 1980s. Focuses on the geopolitical, military, ideological, and economic aspects of the global superpower conflict.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.  
**Making Connections Gen Ed:** HS, GL.  
**Grading Status:** Letter grade.  
**Same as:** PWAD 207.

 **HIST 210. Global Issues and Globalization. 3 Credits.**  
Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.  
**Making Connections Gen Ed:** GL.  
**Grading Status:** Letter grade.  
**Same as:** GLBL 210, ANTH 210, GEOG 210, POLI 210.

**HIST 212. History of Sea Power. 3 Credits.**  
The influence of sea power on international affairs will be surveyed from ancient times to the present. Emphasis on United States naval history and its interaction with diplomacy, economics, and technology.


**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.  
**Grading Status:** Letter grade.  
**Same as:** PWAD 212.


**HIST 213. Air Power and Modern Warfare. 3 Credits.**  
Examines air power theory and practice from 1914 to the present. Focuses on the application of air power as an instrument of war and the effectiveness of that application.


**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.  
**Grading Status:** Letter grade.  
**Same as:** AERO 213, PWAD 213.


 **HIST 220. The Olympic Games: A Global History. 3 Credits.**  
Course uses the history of the modern Olympic Games (1896-present) to explore both global sport and the history of international relations. Topics include sport and the Cold War; terrorism; human rights; the anti-apartheid movement; and issues of race, class, gender, disability; and the question of who is a "real" athlete. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.  
**Making Connections Gen Ed:** HS, GL.  
**Grading Status:** Letter grade.

 **HIST 225. History of Greece. 3 Credits.**  
A survey of Greek history and culture from the Bronze Age to the Hellenistic period.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.  
**Making Connections Gen Ed:** HS, NA, WB.  
**Grading Status:** Letter grade.


**HIST 226. History of Rome. 3 Credits.**  
Origins to the first two centuries CE. Focuses upon Rome's growth as a world power and the shift from republican government to autocracy.


**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.  
**Grading Status:** Letter grade.


 **HIST 228. Medieval Science. 3 Credits.**  
This course explores forms of scientific thinking before the modern era, focusing mainly on the intellectual tradition in medieval Europe ca. 500-1500. Special attention will be devoted to the intersections of scientific concepts and Christian religious ideas.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.  
**Making Connections Gen Ed:** HS, NA, WB.  
**Grading Status:** Letter grade.

 **HIST 229. The History of London 43 - 1666. 3 Credits.**  
This course traces the first three-quarters of London's rich two-thousand-year history, from the Romans to the Great Fire. Students examine how London evolved as an urban environment. They also study London's many and varied relationships with the wider world, including, in the latter part of the course, North America. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.  
**Making Connections Gen Ed:** HS, WB.  
**Grading Status:** Letter grade.

**HIST 230. Why History Matters to Public Policy. 3 Credits.**

This course explores the uses of history and historical perspectives for public policy. Students will learn how historical processes have shaped today's public policies and examine how the origins and development of a policy can inform current policy decisions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**Same as:** PLCY 231.

**HIST 231. Native American History: The East. 3 Credits.**

Covers the histories of American Indians east of the Mississippi River and before 1840. The approach is ethnohistorical.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** AMST 231.

**HIST 233. Native American History: The West. 3 Credits.**

Deals with the histories of Native Americans living west of the Mississippi River. It begins in the pre-Columbian past and extends to the end of the 19th century.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** AMST 233.

**HIST 234. Native American Tribal Studies. 3 Credits.**

This course introduces students to a tribally specific body of knowledge. The tribal focus of the course and the instructor change from term to term. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** AMST 234, ANTH 234.

**HIST 235. Native America in the 20th Century. 3 Credits.**

This course deals with the political, economic, social, and cultural issues important to 20th-century Native Americans as they attempt to preserve tribalism in the modern world.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** AMST 235.

**HIST 236. Sex and American History. 3 Credits.**

Does sex have a history? This course argues that it does. Exploring American history from the earliest encounters of Indians, Europeans, and Africans through the aftermath of the sexual revolution, we will consider diverse perspectives, important dynamics of change, and surprising ways in which the past informs our present—and our selves.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 237. Colonial American History to 1763. 3 Credits.**

An in-depth history of colonial North America. Topics include: interactions among Native Americans, Europeans, and Africans and the founding and development of English, French, and Spanish colonies in the lands that eventually became the United States. Previously offered as HIST 561.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, US, WB.

**Grading Status:** Letter grade.

**HIST 238. The American Revolution, 1763-1815. 3 Credits.**

Major topics: constitutional conflict in the British empire; independence and war; Confederation and Constitution; growth of political parties and nationality in a period of domestic change and international conflict. Previously offered as HIST/PWAD 564.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 238.

**HIST 239. Religion in North America since 1865. 3 Credits.**

A survey of modern religion in the United States and Canada. Themes include religious pluralism; new religious movements, immigrant faiths; the relationship between religion and urban life, industrialization, and new science; religion and foreign affairs; questions of church and state; and the conflict between secular modernity and religious fundamentalism.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**HIST 240. Introduction to Mexico: A Nation in Four Revolutions. 3 Credits.**

History of Mexico seen through four moments of change: conquest, independence, 19th-century reforms, and 20th-century revolution. This course is an introductory survey for students who want to know more about Mexico, its place in Latin America, and its relations with the United States.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 241. History of Latinos in the United States. 3 Credits.**

A comparative examination of the historical experiences of Latinos in the United States, from the 19th century to the present, drawing on experiences of Mexican Americans, Puerto Ricans, Dominicans, and Central Americans. Special emphasis on the events, people, and ideas that have made distinctive contributions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**HIST 242. United States-Latin American Relations. 3 Credits.**

This course examines the history of United States involvement in Latin America and the Caribbean. Lectures will cover two centuries of United States intervention, from the wars of the 19th century to the covert CIA operations of the Cold War and the more recent wars on drugs and terror.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**HIST 243. The United States and Africa. 3 Credits.**

This course traces changing relationships between the United States and sub-Saharan Africa from the 17th century to the present. Topics include the trans-Atlantic slave trade, back-to-Africa movements and the colonization of Liberia by African Americans, United States policies toward decolonizing and postcolonial African countries, and contemporary links between Africa and America. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 244. History of the American Presidency. 3 Credits.**

This course examines the historical evolution of the United States presidency and its role in government and society. The class is especially concerned with the ways that the office and its occupants have been shaped by the aspirations of the American people and the global challenges of the modern era.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 245. The United States and the Cold War: Origins, Development, Legacy. 3 Credits.**

This is both a wide-ranging and detailed course that looks at the origins, the evolution, and the termination of the Cold War from 1945 to 1989/90. It also considers the "New Cold War" with Russia that developed in 2014. The course is based on an international and multinational perspective.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 245.

**HIST 246. The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries. 3 Credits.**

This is both a wide-ranging and detailed lecture course which looks at the rise of the U.S. to world power status and the evolution of U.S. foreign relations from the late 19th century to the very present. The course is based on a multinational and global perspective.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 247. Early Modern Japanese History and Culture. 3 Credits.**

From the 1603 establishment of the Tokugawa Shogunate to the Meiji Restoration of 1868, Japan was ruled by the Tokugawa family in an unusual early modern federation, with a balance of power between the warrior government in Edo and the domainal governments spread across the archipelago. This resemblance of this system to the U.S. balance between federal and state power frames our examination of the early modern period.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** JAPN 246.

**HIST 248. Guerrillas and Counterinsurgencies in Latin America. 3 Credits.**

This course examines the leftist guerrilla movements that swept Latin America and the Caribbean during the latter half of the 20th century. Students will analyze the origins, trajectories, and legacies of these insurgencies, paying particular attention to the roles of race, class, and gender. Previously offered as HIST/PWAD 528.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** PWAD 248.

**HIST 249. Modern Global Christianity. 3 Credits.**

An intermediate survey of global Christianity from the late Middle Ages to the present day that traces evolving theology and worship; the role of religion in the politics of empire; modern challenges to traditional religion; and the international expansion of the faith.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 251. The Thirty Years War (1618-1648): Europe in an Age of Crisis. 3 Credits.**

A critical examination of the significance of the Thirty Years' War for 17th-century Europe's social, religious, military, and geopolitical history. The representation of the conflict in art and literature also receives attention.

**Rules & Requirements**


**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** PWAD 251.



 **HIST 252. Politics, Society, and Culture in Modern Germany (1871-1945). 3 Credits.**

This course explores the history of Modern Germany, by focusing on Imperial Germany, the Weimar Republic and the Third Reich. We will study continuities and changes in politics, society, and culture and examine the lasting impact of World War I, World War II and the Holocaust.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** EURO 252.

 **HIST 254. War and Society in Early Modern Europe. 3 Credits.**

A critical examination, from the Renaissance to the Napoleonic period, of the changes in European land and naval warfare and their impact on society and government.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** PWAD 254.

 **HIST 255. Manor to Machine: The Economic Shaping of Europe. 3 Credits.**

From agriculture to industry, Europe's march to industrialization. Survey from the medieval manor through revival of trade, rise of towns, credit and capitalism, overseas expansion and mercantilism to the Industrial Revolution.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

 **HIST 256. France, 1940 to the Present. 3 Credits.**

Three events shaped contemporary France: collaboration and resistance in occupied France; the Algerian War; and the political, cultural, and social movements in the late 1960s and 1970s. This class will examine these events, how they are remembered and given meaning, and their role in making the France we know today. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 257. Politics, Society, and Culture in Postwar Germany. 3 Credits.**

The interdisciplinary seminar will explore cultural, historical, and political issues of contemporary Germany and analyze German developments from the postwar period to the present. Readings and discussions in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** POLI 257, EURO 257.

**HIST 258. Modern Italy since 1848. 3 Credits.**


This course focuses on the history of modern Italy and examines changes in political, social, economic structures. Students will engage in the search for an "Italian identity." Topics will include unification, World War I and II, Italian fascism, the postwar Italian Republic, the Mafia, terrorism, popular culture, and Silvio Berlusconi.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** ITAL 258.

 **HIST 259. Towards Emancipation? Women in Modern Europe. 3 Credits.**

This course examines and compares the situation of women in politics, the work force, society and family from the French Revolution to the new women's movement in the 1970s with a focus on Britain, France and Germany. One major theme is the history of the struggle for women's emancipation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 259, EURO 259.

 **HIST 260. From Kings to Communists: East-Central Europe in the Modern Era. 3 Credits.**

A study in the emergence of nations of Eastern Europe, their internal development, mutual conflicts, and struggle for independence. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 261. France, 1870-1940. 3 Credits.**

Third Republic France was riven with conflict. This course examines these conflicts, how the men and women of France and its colonies gave them meaning, and how we in turn can interpret these struggles to develop our understanding of the longest-lived republic in French history (1870-1940).

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 262. History of the Holocaust: The Destruction of the European Jews. 3 Credits.**

Anti-Semitism; the Jews of Europe; the Hitler dictatorship; evolution of Nazi Jewish policy from persecution to the Final Solution; Jewish response; collaborators, bystanders, and rescuers; aftermath.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** JWST 262, PWAD 262.

**HIST 263. Gender and Religion in Premodern Europe. 3 Credits.**

This course examines gender in the religious lives of premodern Europeans from 500-1700, both in daily life (marriage, sexuality, devotions) and among the religious elite (clergy, monks and nuns, mystics). Feminist history, masculinity studies, and sexuality studies will all be taught as historical methods, paired with primary source documents from medieval Christians. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 263.

**HIST 264. Gender in Russian History. 3 Credits.**

Traces the development of sexual identities and changes in masculine and feminine ideals from Tsarist Russia through the post-Soviet period with emphasis on politics, society, and popular culture.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** WGST 264.

**HIST 266. Global History of Warfare. 3 Credits.**

The history of warfare from its prehistoric origins to the present. The focus is on interactions between peoples around the world and particularly on the problems of innovation and adaptation. Previously offered as HIST/PWAD 351.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 266.

**HIST 269. Modern London: Empire, Race, and Culture. 3 Credits.**

Explores the history, culture, and politics of London from the decade before the First World War, through the "Swinging" 1960s, to the recent Olympics fever. Surveys the architecture, cultural institutions and the arts, against the background of the city's changing racial, ethnic, religious, and socio-economic composition. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 270. Mughal India. 3 Credits.**

In this course we will investigate one of the most well-known of South Asian polities, and the grandest and longest lasting empire in Indian history, the Mughal Empire (1526-1858), whose rulers and elites were responsible for much of the iconic architecture and painting associated with India today.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**HIST 271. Ancient and Medieval Japanese History and Culture. 3 Credits.**

This course surveys Japanese history and cultural development from the prehistoric period, rich with archaeological evidence, to the reunification of Japan in the late sixteenth century. One major topic is the mythology or and historical evidence for early state formation, including the role that Japan's long "unbroken" history plays in modern debates about national identity, xenophobia, and relations with regional neighbors. Another focus is the emergence of women's literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** JAPN 231.

**HIST 272. Modern South Asia. 3 Credits.**

Provides students with a critical understanding of the political, economic, and social dynamics of contemporary South Asia. Themes explored include the development (or lack of) democratic structures, continuing relevance of caste and religion, emergence of right wing movements, contesting representations of the past, and the prospects and challenges confronting the region.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 272.

**HIST 273. Water, Conflict, and Connection in the Middle East. 3 Credits.**

Water has played many pivotal roles in the societies and politics of Middle Eastern peoples. This course will survey the history of water in the region, including its uses in agriculture and ritual, transport, and technology. We will explore water's impact on public health and the effects of water pollution on local societies. Finally, we will focus on the effects of the region's water scarcity in cross-border political conflicts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 273.

**HIST 274. History of the Ottoman Empire, 1300-1923. 3 Credits.**

Approaches the history of the Ottoman Empire from a world historical perspective. Situates the Ottoman imperial experience in relation to Muslim, Mongolian, and Byzantine traditions. Discusses the early modern and modern transformation of the Ottoman Empire and its legacy for contemporary Eastern Europe, the Middle East, and North Africa.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 275. African History to 1800. 3 Credits.**

Course explores history of the African continent from before agriculture to the era of the Transatlantic slave trade. Particular attention given to themes such as trade, religion, and politics as well as the sources and methods for knowing about the premodern African past.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

 **HIST 276. The Modern Middle East. 3 Credits.**

This course introduces students to the recent history of the Middle East, including a comparison of the Middle East to the United States.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 276.

 **HIST 277. The Conflict over Israel/Palestine. 3 Credits.**

Explores the conflict over Palestine during the last 100 years. Surveys the development of competing nationalisms, the contest for resources and political control that led to the partition of the region, the war that established a Jewish state, and the subsequent struggles between conflicting groups for land and independence.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 277, PWAD 277.

 **HIST 278. The Trans-Atlantic Slave Trade. 3 Credits.**

Slavery in select African communities, economic and political foundations of the trans-Atlantic slave trade, and its impact on African and New World societies. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

 **HIST 279. Modern South Africa. 3 Credits.**

Beginning with the discovery of gold and diamonds in the mid-19th century and reaching to the present, this course considers colonialism, industrialization, social change, and political protest in South Africa, with particular attention to the rise, fall, and legacies of apartheid. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 280. Women and Gender in Latin American History. 3 Credits.**

Examines the experiences of women and gender relations in Latin American societies from pre-Columbian times to the present, providing a new perspective on the region's historical development.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** WGST 280.

 **HIST 281. The Pacific War, 1937-1945: Its Causes and Legacy. 3 Credits.**

An examination of the origins of the Pacific War, the course of this bitter and momentous conflict, and its complex legacy for both Asia and the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 281, PWAD 281.

 **HIST 282. China in the World. 3 Credits.**

This course explores the evolution of China as a geopolitical entity from global perspectives, 1350 to the present.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 282.

 **HIST 283. Chairman Mao's China in World History. 3 Credits.**

To put the recent transformation of the People's Republic of China in context, the course examines the different facets of Maoism that governed the country in its early years. It highlights Maoism as a global force that paved the way for China's re-integration into the world order.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 283.

 **HIST 284. Late Imperial China. 3 Credits.**

This course introduces undergraduates to significant themes of the Ming (1368-1644) and Qing (1644-1911) dynasties. Topics include family, religion, art, fiscal change, trade networks, conquest, emperors, Manchu ethnicity, the examination system and book culture, legal codes, gender, the Taiping Rebellion, and the Boxer Uprising, among others. No prior coursework required.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 285. 20th-Century China. 3 Credits.**

China today is poised to become the next world superpower. What is the story of its modern transformation? This lecture course will introduce undergraduates to the history of 20th-century China, through a thematic approach to its culture, politics, and society. No prior coursework required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 287. Modern Japan. 3 Credits.**

Covering the period from 1600 to 1900, this course examines the causes and impact of the Meiji Restoration of 1868, which marked the start of modern Japan.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 287.

**HIST 288. Japan in the 20th Century. 3 Credits.**

Topics include the Japanese Empire, the road to the Pacific War, defeat, the Allied occupation, Japan's recovery from war, and development into a democracy and the world's second largest economy.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 288.

**HIST 289. America in the 1970s. 3 Credits.**

This course will explore how Americans in the 1970s responded to crises, challenges, and opportunities, and how they ultimately remade ideas of identity, citizenship, work, family, and culture.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**HIST 291. Putting Literature and History in Dialogue. 3 Credits.**

Dialogues between historiographic and fictional treatments of important historical problems. Explores works of history and literature to determine how different genres of writing give meaning to the past. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Grading Status:** Letter grade.

**HIST 302. Movies Make History: Films as Primary Sources in Europe and America. 3 Credits.**

This course explains how and why certain films helped shape the medium even as they reflected broader aspects of historical change. Beginning with the development of narrative film in 1908, the course looks at those nationally specific genres that had repercussions beyond national borders, ending in about 1968. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**HIST 305. Elizabeth I and her World: Gender, Power, and the Beginnings of the Global. 3 Credits.**

This class explores the world of Elizabeth I of England (1558-1603) through three complementary lenses: the queen as powerful political actor; gender; and emergent globalization. Particular attention is paid to the ways in which Elizabeth fashioned the images that she projected, and how she was perceived by others.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** NA, WB.

**Grading Status:** Letter grade.

**HIST 306. Princes and Reformations in Germany, 1400-1600. 3 Credits.**

Examines the major late medieval religious, social, and political developments plus the Reformation and Counter-Reformation. Topics include Luther's theology, the German Peasant's War, Jewish-Christian relations, witch-hunting, and family life. Previously offered as HIST 460.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 307. War and Enlightenment in Germany, 1600-1815. 3 Credits.**

Examines major political, social, and cultural developments. Topics include the growth of absolutist government, Prussia's militarism and rivalry with Austria, German Jewry, Baroque music, the Enlightenment, and the Napoleonic wars. Previously offered as HIST 461.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 308. The Renaissance and the Jews. 3 Credits.**

The Renaissance (1300-1600) is known as a time of great artistic, scientific, and political renewal. But did Jews, the only religious minority in Europe, get an opportunity to benefit from and participate in that progress? This class studies the history of the Jews at a time of great cultural change.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** JWST 308.

**HIST 309. Old Regime France, 1661-1787. 3 Credits.**

This course focuses on the period in French history between the ascendancy of absolute monarchy in the middle of the 17th century and the collapse of absolutism at the onset of the French Revolution.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**HIST 310. The French Revolution. 3 Credits.**

The French Revolution was a source of much that the modern world recognizes as its own: nationalism, human rights, class conflict, ideology, communism, conservatism, show trials, citizen armies, terrorism, and the concept of revolution itself. This course probes issues that underlie the continuing relevance of the French Revolution today.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 312. History of France and Algeria. 3 Credits.**

This course covers France's conquest, rule, and loss of Algeria, and the relationship between French and Algerian people in Algeria and France from 1830 to the present. Topics such as modern French and North African history, colonialism, Islam, immigration, terror/torture, and cross-cultural exchange are all featured in this transnational course.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 312.

 **HIST 313. Women and the Law in Africa and the Middle East. 3 Credits.**

Explores women's and men's engagement with colonial and post-colonial legal systems with a focus on the 19th through 21st centuries. Topics include customary law, Islamic law, women's rights as human rights, disputation and conflict resolution. We will ask the question: "how does gender influence how women and men navigate legal systems?" Course previously offered as WMST 289.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** WGST 313.

**HIST 314. Law and Society in Latin America. 3 Credits.**

This course considers how a wide variety of groups in Latin America including indigenous people, Afro-descendant communities, women and religious minorities used the law to shape and challenge larger structures of imperial rule.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** LTAM 314.

 **HIST 315. Nation-Building in Latin America. 3 Credits.**

This course focuses on Mexico, several Caribbean and South America countries, and the U.S. as examples of the major debates that have arisen in the past and in our own time over citizenship and the nation-state in the multi-ethnic and culturally complex societies of the Americas. It explores history and memory around issues of human rights, gender, enslavement and emancipation, Indigenous peoples, religion and secular society, territory, and the nation-state. Previously offered as HIST 529. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 320. Art, History, and the Modern Museum. 3 Credits.**

Focusing on art, history, and ethnography museums in Europe and North America, this course considers the emergence and development of museums as powerful social and cultural institutions from the mid-18th century to the 21st century. A variety of perspectives on museums showcase their connections to larger political and cultural trends.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** ARTH 330.

**HIST 322. Technology and American Culture. 3 Credits.**

Technology's impact on American thought and society and the response it has engendered. Topics will include the factory town, search for utopia, impact of Henry Ford, war, and depersonalization. Previously offered as HIST 625.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 325. Food and History. 3 Credits.**

An examination of how food, its production, distribution, and consumption have shaped the history of the United States, the United Kingdom, and the world at large. The course will study how these nations and their empires have been intertwined but remained distinctive from colonial times to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 328. History of the Computer. 3 Credits.**

This course surveys the long history of computer technology and its social, political, economic, and cultural consequences, with a particular focus on the experience of the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 329. An Introduction to the History of Medicine. 3 Credits.**

This course underscores the ways in which Western medicine has become a global political and cultural phenomenon in history, and discusses evidence of how different social actors have parsed the distinction between sickness and health over time. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 330. Jesus and the Jews: From the Bible to the Big Screen. 3 Credits.**

This class will study the history of the claim that the Jews are responsible for Christ's death. Students will examine the power of this idea to travel through time and space and discuss how it is portrayed differently and with different purposes throughout history. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** JWST 330.

**HIST 331. Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia. 3 Credits.**

Which of the following would you consider potentially political issues: celibacy; semen retention; body-building; depiction of gods/goddesses; or bomb making? Well, they all are. This course examines debates over sex, religion, and violence that constituted a key part of revolutionary thought and anti-colonial struggles in modern South Asia.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 304.

**HIST 332. Identity and Community in Modern Jewish History: The Case of Durham. 3 Credits.**

This course explores diverse experiences of modernity among Jewish populations from the mid-18th century to the present under the influence of political, cultural, and socioeconomic changes. Diaries, memoirs, literature, and film challenge students to develop their own analyses while becoming familiar with arguments among scholars of Jewish life.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 333. Love and Politics in Early India. 3 Credits.**

This course will study the social, political, and cultural history of early India, through a focus on love and desire. It will examine a range of primary sources from the period: erotic manuals, inscriptions, literature, legal and medical textbooks, art and architecture.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.


**HIST 334. Rasputin's Russia: Erotic, Decadent, Revolutionary. 3 Credits.**

The turn of the 20th century was characterized by a highly stylized angst, and nowhere more so than in Russia. This course explores how the political, social, cultural, and economic transformations that vibrated throughout Russia provided a fertile context for the burst of creativity that spawned its modernist artistic movements.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 335. Cracking India: Partition and Its Legacy in South Asia. 3 Credits.**

What happened when the British carved Pakistan out of the predominately Muslim corners of India? Readings and films focus on the causes and consequences of this event, the Partition of India. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 331, PWAD 331.

 **HIST 340. Ethics and Business in Africa. 3 Credits.**

Explores sub-Saharan Africa both as a historical site of exploitative, extractive labor practices and initiatives to make business more ethical. Starting in the precolonial period, it considers topics such as ending the slave trades, the foundations of colonial economies, development projects postindependence, and the use of conflict minerals. Previously offered as HIST 540. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN, CI.

**Grading Status:** Letter grade.

**HIST 344. The Global World Order from World War II to the Present. 3 Credits.**

This course deals with the establishment and development of the rules-based global order towards the end of World War II. The course will help us to understand the driving forces, fears, and ideas that have led to the post-war global order and the emergence of new states and international organizations. We will discuss this system as well as the forces of nationalism, imperialism, just war ideas, great power theories, and many related themes.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 346. Dictators in the 20th Century. 3 Credits.**

Dictators are typically viewed as brutal individuals who wield absolute power over their state. But, are these stereotypes true? The aims of this seminar are to dispel the myths that shroud dictators, to give students a more nuanced understanding of dictatorships in the 20th century, and to introduce them to biographies as a genre of historical writing.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 347. Fascist Challenge in Europe, 1918-1945. 3 Credits.**

The course focus on theories on fascism, national cultures of fascism (e.g. Nazi Germany, Fascist Italy, Hungary) as well as selected topics which are essential to understand the attraction and functioning of fascist movements and regimes since 1918 in Europe (e.g. racism, war, culture, charismatic leadership).

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** EURO 347.

**HIST 348. History of Migration. 3 Credits.**

By looking at case studies from the 19th to the 21st century, this seminar will help contribute to a better understanding of the current migrant crises in Europe. This course will deal with factors for migration/forced migration, possible motivations, migration experiences, as well as consequences for the migrants and the communities where they have ended up.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 349. Comparative Empires in the Modern World. 3 Credits.**

This course will examine the history of how empires uses grand claims of civilizational, moral, and religious claims in their foreign policy and grand strategy with a focus on the British, Ottoman, and Japanese imperial strategies. The course will also discuss contemporary legacies of British-Ottoman confrontation in WWI and British-Japanese conflict in WWII.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 350. Environmental History and Computer Science: Mapping the Black Sea. 3 Credits.**

This course uses the digital technology of the 21st century to analyze the interactions of past civilizations by creating a "story map" that will visualize the ebbs and flows of peoples and civilizations throughout a geographical place, the Black Sea.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**HIST 352. The Great Depression and Its Legacies. 3 Credits.**

This course will assess visions for social change during the Great Depression, evaluate New Deal reforms, and address the legacy Depression-era Americans made on institutions and succeeding generations. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**HIST 353. Cinema, Culture, and Society. 3 Credits.**

After the First World War, culture in Germany became a forum for radical experimentation and a source of deep conflict. Through a consideration of art and literature, and with emphasis on mass cultural forms such as film and newspapers, this course explores the complex relationships between politics and culture and how such relationships were understood and debated in both the Weimar Republic and Nazi Germany.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 354. War and Gender in Movies. 3 Credits.**

The course examines and compares the images of war and gender that movies from different time periods and countries propagate and explores the different factors that influence these images and thereby the perception and recollection of war. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 354, WGST 353.

**HIST 355. American Women's History to 1865. 3 Credits.**

This course will explore women's experiences in America from 1500 to 1865. Topics will include the ways in which women have shaped American politics, economy, society, and culture.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** WGST 354.

**HIST 356. American Women's History, 1865 to the Present. 3 Credits.**

This course will examine the changing lives of women in the United states after 1865: Their contribution to economy, society, cultural change, and political struggles.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** WGST 356.

**HIST 357. The U.S. South to 1865. 3 Credits.**

Economic, cultural, and social history of the antebellum South. The region's political history will serve as a supporting part of the study. Previously offered as HIST 586.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 358. The New South. 3 Credits.**

This course explores the transformation of the South from the time of the Civil War and emancipation to the contemporary rise of the Sunbelt. Previously offered as HIST 587.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HIST 359. The Early American Republic, 1789-1848. 3 Credits.**

The society and politics of the United States during the period dominated by President Andrew Jackson. Topics include economic development, the expansion of slavery, religion and reform, the changing roles of women, and the political movements associated with 'Jacksonian democracy'. Previously offered as HIST 563.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 360. Ideas in Modern America. 3 Credits.**

This course surveys questions that have preoccupied leading thinkers and shaped intellectual culture in America since 1870. Themes include the problem of defining American identity, the clash between faith and reason, social injustice, the meaning of "modernity," the power and pitfalls of ideology, conceptions of human nature. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 361. Lesbian, Gay, Bisexual, and Transgender Histories in the United States. 3 Credits.**

This course investigates the history of people who might today be defined as lesbian, gay, bisexual, or transgender (LGBT) in the United States. Key themes will include identity formation, culture, politics, medical knowledge, discrimination, and community.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** WGST 360.

 **HIST 362. Baseball and American History. 3 Credits.**

Course explores the historical significance of baseball in American life, using the history of the game to investigate topics such as industrialization, urbanization, and immigration; conflicts between labor and capital; racial prejudice and integration; patriotism and American identity; evolving gender ideals; and the role of myth in American culture.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 363. Popular Culture and American History. 3 Credits.**

Study of the popular arts and entertainments of the 19th and 20th centuries and the ways in which they illuminate the values, assumptions, aspirations, and fears of American society. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 364. History of American Business. 3 Credits.**

A survey of the rise and development of the major financial, commercial, manufacturing, and transportation enterprises that transformed the United States from an agricultural into a leading industrial nation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** MNGT 364.

**HIST 365. The Worker and American Life. 3 Credits.**

From the experience of colonial artisans to contemporary factory and office workers, organized and unorganized, this course examines the effect of the industrial revolution on the American social and political landscape.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** MNGT 365.

**HIST 366. North Carolina History before 1865. 3 Credits.**

The history of North Carolina from the original Indian cultures to the end of the Civil War. Important topics include colonization, the American Revolution, evangelical religion, slavery, economic and political reform, the rise of sectionalism, and the Civil War.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**HIST 367. North Carolina History since 1865. 3 Credits.**

The history of North Carolina from the end of the Civil War to the present. Important topics include Reconstruction, agrarian protests, disfranchisement and segregation, industrialization and workers' experience, the civil rights movement, and 20th-century politics.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 368. War and American Society to 1903. 3 Credits.**

The American military experience from colonial times to the early 20th century. Major themes include the problem of security, the development of military policies and institutions, and the way in which the country waged and experienced war.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 368.

**HIST 369. War and American Society. 3 Credits.**

Survey of America's military experience in the 20th century, focusing on national security policy, military institutions, World Wars I and II, the Cold War, the Korean and Vietnam Wars, and recent interventions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 369.



**HIST 372. History of American Politics, 1932-Present. 3 Credits.**

This course explores the political history of the United States from the New Deal in the 1930s to the present. Topics include the trajectories of liberalism and conservatism and the origins of today's most protracted political debates—from McCarthyism to 9/11, from Watergate to Obamacare. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 373. The United States in World War II. 3 Credits.**

A history of the United States in World War II (1941-1945): home front and military front.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 373.

**HIST 374. The American West, 1800 to the Present. 3 Credits.**

A survey of the growth and development of the American West from the nineteenth century to the present as a culture, economy, and society. Considers the interactions between Native Americans and other people of different races, national origins and genders as agents and contributors to the forging of the American West.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 375. History of Gender in America. 3 Credits.**

This course will explore how Americans from 1600 to the present have defined what is masculine and what is feminine and how they have constructed their identities around those definitions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** WGST 375.

**HIST 376. History of African Americans to 1865. 3 Credits.**

Survey of African American history to abolition of slavery in North America with some attention to experiences of people of African descent in Latin America and the Caribbean.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**HIST 377. History of African Americans, 1865 to Present. 3 Credits.**

Survey of African American history since emancipation in North America with some attention to experiences of people of African descent in Latin America and the Caribbean. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 382. The History of the Civil Rights Movement. 3 Credits.**

This course examines the history of the modern African American civil rights movement, focusing on its development and processes, historical significance, and continuing legacy in the United States of America and abroad. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**HIST 383. Big-Time College Sports and the Rights of Athletes, 1874 to the Present. 3 Credits.**

The evolution of college sports since the Harvard-McGill football game of 1874. Key turning points include the football crisis of 1905 and the creation of the NCAA, the reform efforts of the 1930s, the 1984 Supreme Court case on television money, and the emergence of an "athletes' rights" movement.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**HIST 384. America in the Sixties. 3 Credits.**

Through a variety of interconnected themes, this course focuses on the wide-ranging experiences of life in the United States of America during the 1960s to explain major shifts in postwar modern American history and explore the origins of contemporary American society. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**HIST 385. African American Women's History. 3 Credits.**

The course covers the history of black women in the United States from the 18th century to the present. It deals with such themes as work, family, community, sexuality, politics, religion, and culture. Previously offered as HIST/WGST 569.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 382.

**HIST 388. Chinese Strategic Thought: Antiquity to the Present. 3 Credits.**

This course will introduce undergraduates to Chinese strategic and military thought through the translated writings of some of China's most significant philosophers, intellectuals, and political leaders, from antiquity to the present. Students will explore historical characteristics of Chinese strategy and consider the influence of these ideas in current international relations.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** PWAD 388.

**HIST 390. Special Topics in History. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from departmental office. Closed to graduate students. Repeatable for credit. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **HIST 395. Research Related Skills. 1-3 Credits.**

Subject matter will vary with instructor but will focus on some particular historical methodology, approach, and/or practice. Course description available from the departmental office.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**HIST 396H. Independent Study in History. 3 Credits.**

Permission of the department. Directed reading under the supervision of a faculty member.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **HIST 398. Undergraduate Seminar in History. 3 Credits.**

The course is in general limited to 15 students. The subject matter will vary with the instructor. Each course will concern itself with a study in depth of some historical problem. Students will write a substantial research paper. Permission of the department. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****HIST 421. Alexander. 3 Credits.**

The rise of Macedonia; the careers of Philip II and Alexander (with emphasis on the latter's campaigns); the emerging Hellenistic Age. The course integrates computer (including Web site) and audiovisual materials throughout.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** PWAD 421.

**HIST 422. Ancient Greek Warfare. 3 Credits.**

War and the warrior in the archaic and classical Greek world, seventh to the fourth centuries BCE. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** PWAD 422.

**HIST 423. Archaic Greece, 800-480 BCE. 3 Credits.**

HIST 225 strongly recommended. Topical approach to the social and cultural history of the ancient Greek city states, ca. 800-336 BCE.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 424. Classical Greece (Sixth-Fourth Centuries BCE). 3 Credits.**

HIST 225 strongly recommended. The life and times of the ancient Athenians from the sixth to fourth centuries BCE.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 425. Roman History, 154 BCE-14 CE. 3 Credits.**

Explores the transformation from Republic to Principate. Conducted in considerable part by student reports and classroom discussions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 427. The Early Roman Empire, 14 CE-193 CE. 3 Credits.**

Focuses upon administrative, social, and economic themes. Conducted in considerable part by student reports and classroom discussions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 428. The Later Roman Empire, 193 CE-378 CE. 3 Credits.**

Focuses upon administrative, social, and economic themes. Conducted in considerable part by student reports and classroom discussions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 429. Ancient Sexuality. 3 Credits.**

This course deals with the complex topic of ancient sexuality, which includes courtship, marriage, family structure, public and private morality, and law enforcement. In terms of historical method, this course teaches students how to discover evidence for social history in both diverse documentary and literary sources.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**HIST 431. The Medieval Church. 3 Credits.**

The nature and workings of the Western church between roughly 600 and 1300. Emphasis on the church "from within," organization, missionary strategies, liturgy, monasticism, popular religion.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 432. The Crusades. 3 Credits.**

Students in this course will examine Christian attitudes toward holy war, crusading, and other forms of coercive violence from the 11th until the 15th centuries, with a focus on the major crusades to the Holy Land.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

 **HIST 434. Medieval England. 3 Credits.**

A consideration of England's origins, unification, and development as a national monarchy. Primary emphasis is on political, ecclesiastical, and cultural aspects.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**HIST 435. The Medieval University. 3 Credits.**

The origins and development of the university during the period 1100 to 1400; types of organization, curricula and degrees, intellectual life, town-gown and student-master relationships.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

 **HIST 437. Aristocratic Culture in the Central Middle Ages. 3 Credits.**

This course has as its theme the lives of aristocratic men and women in western Europe between about 850 and 1200 CE. Discusses the nature of aristocratic identity, the trends that shaped the lives of aristocratic men and women, and the different roles of men and women within aristocratic culture.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

 **HIST 438. Medieval Masculinities, 500-1200. 3 Credits.**

This course examines the multifaceted constructions of masculinity found in narrative texts produced in medieval western Europe. Focuses on topics such as gender relations, male self-fashioning, homosocial bonding, family structures. Sources studied range from epic and romance to chronicles and visual records. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, CI, WB.

**Grading Status:** Letter grade.

**HIST 440. Gender in Indian History. 3 Credits.**

An analysis of the roles of women and men in Indian societies from the early to the modern periods. Topics include the cultural construction of gender and sexuality; beauty and bodily practices; gender and religion; gender and politics; race, imperialism, and gender. Previously offered as HIST/ASIA 556.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 440.

**HIST 441. Beauty and the Body in Pre-Colonial Indian History. 3 Credits.**

This course will discuss theories of beauty and the body in Indian History (c. 3 - 17th centuries) and their relation to differing constructions of gender.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HIST 442. Religion, Co-existence, and Conflict in Pre-Colonial India. 3 Credits.**

This course traces the fascinating history of material, cultural, and theological exchanges and conflicts between individuals belonging to two of the world's major religions: Hinduism and Islam. Throughout the course we will also analyze how modern commentators have selectively used the past to inform their understandings of the present. Previously offered as HIST/ASIA 555.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 441.

 **HIST 443. Settler Colonialism in Global Perspective. 3 Credits.**

This seminar introduces the field of settler colonial studies and history. It investigates how settler colonial polities consolidated during and after the global "settler revolution," how they managed relations with the imperial metropole and dealt with the Indigenous populations, whose resistance, adaptation, survival and agency also feature.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

 **HIST 445. Humanitarianism in Historical Perspective. 3 Credits.**

This seminar examines humanitarianism in global context around 1800, beginning with the formation of humanitarian movements dedicated to alleviating suffering and especially ending slavery. It traces the movement's complicated relationship to empire in the 19th century, and the professionalization of humanitarian aid in the 20th century.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 448. Gender and the Law in United States History. 3 Credits.**

This course will explore how the law in America has defined and regulated gender and sexuality. Significant topics will range from marriage, reproduction and the family to suffrage, work, and social movements. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** NA, US.

**Grading Status:** Letter grade.

**HIST 452. The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550. 3 Credits.**

A study of the people, culture, and intellectual achievements of the Italian Renaissance with emphasis on the interaction between culture and society.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**HIST 453. Mediterranean Societies and Economics in the Renaissance World. 3 Credits.**

A picture of Mediterranean social and economic life 1300 to 1600, with special focus on rural and urban society, family structure, patronage, work and wages, public and private finance.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.


**HIST 454. The Reformation. 3 Credits.**

Examines a movement of religious reform that shattered Latin Christendom and contributed many of the conditions of early modern Europe. Emphases: religious, political, social.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** RELI 454.

** HIST 456. The Holocaust, Genocide and Historical Methodology. 3 Credits.**


This seminar will familiarize students with foundational works of Holocaust historiography as well as with newer works that challenge old interpretations and methodologies. Throughout the course we will look at the mutual influences of historical writing and memory of the Holocaust as societies have come to terms with the dark past of the Second World War; the course will also examine historical writing as a form of representation and memory. Previously offered as HIST 743.

**Rules & Requirements**

** IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

** HIST 457. Liberalism, Socialism, and Fascism in Europe. 3 Credits.**

This seminar examines liberal, socialist, communist, and fascist political systems in Europe during the twentieth century by comparing and contrasting their ideologies and approaches to their citizens' welfare. The seminar compares European and US experiences, and also attends to conservative critiques of the expansion of government activity in the 1940s.

**Rules & Requirements**

** IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 458. Europe and the World Wars, 1914-1945. 3 Credits.**

Europe and the experience of total war, with special focus on national conflicts; ideological conflicts among fascism, communism, and liberalism; and the dictatorships of Hitler and Stalin.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HIST 459. Global Evangelicalism since 1600. 3 Credits.**

This is a survey of evangelical Christianity from 1600 to the present. We will trace the roots of evangelicalism in post-Reformation Europe, its diverse expressions and political influence in modern Western culture, and its recent spread throughout the Global South.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 462. Germany, 1806-1918: Politics, Society, and Culture. 3 Credits.**

This course examines the changes in German politics, culture, and society during the long 19th century, with a focus on the Anti-Napoleonic Wars and the following era of restoration, the Vormärz and the Democratic Revolution of 1848 to 1849, the German Unification of 1871 and the Wilhelmine Empire, and finally World War I. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 463. Germany since 1918: Politics, Society, and Culture. 3 Credits.**

This course examines the changes in German politics, culture, and society during the 20th century, with a focus on the Weimar Republic, the Third Reich and World War II, the reshaping of East and West Germany since the post-war era, and the unification in 1989. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.


**HIST 466. Modern European Intellectual History. 3 Credits.**

The main developments in European thought from the Enlightenment to the 20th century, with some attention to social context. Readings include Voltaire, Rousseau, Hegel, Marx, Tocqueville, Sand, Flaubert, Nietzsche, Freud. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

** HIST 468. Culture on the Move: Art, Empire, and Restitution since 1800. 3 Credits.**

This discussion-based course examines the systems of value that confer special status on the broad category of cultural property, then explores a number of case studies of art theft and restitution since the early 19th century, with an emphasis on art theft during World War II and that undertaken under the aegis of European colonialism.

**Rules & Requirements**

** IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** ARTH 484.

**HIST 469. European Social History. 3 Credits.**

The social transformation of Europe from agrarian through postindustrial society, discussing population growth, family history, spread of education, class structure, social conflict, group ideologies, and mass politics, as well as everyday lives and popular lifestyles.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 474. Britain in World Affairs: British Foreign Policy since World War II. 3 Credits.**

The course provides a historical, political, and socio-economic framework for understanding British history and politics in the 20th and 21st centuries. We will assess important turning points in domestic British politics, the main focus will be on Britain's foreign relations during both the Cold War and the post-Cold War years.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 475. History of Feminism. 3 Credits.**

This course will examine the unprecedented surge of feminist thought and activism in the postwar United States. Course materials and discussions will trace feminists' varied conceptions of empowered womanhood and their expectations of the state, society at large, and each other. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** WGST 476.

**HIST 476. Religion and Ethnicity. 3 Credits.**

The history of modern Eastern, East Central, and southeastern Europe has been shaped by the ethnic and religious diversity of the regions. This course examines experiences in the Russian, Habsburg, and Ottoman Empires and their successor states from the 19th century to the present day.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** JWST 476.

**HIST 477. Revolution in Russia, 1900-1930. 3 Credits.**

A close study of Russia's age of revolution from the reign of the last tsar to the turbulent Stalin Revolution of 1929, with emphasis on the revolutions of 1917.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 478. Stalin and After: The USSR, 1929-Present. 3 Credits.**

An in-depth examination of Soviet and post-Soviet history from 1929 to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 479. History of Female Sexualities. 3 Credits.**


Spanning the ancient, medieval, and modern West, this course explores normative and non-normative female sexualities, ideas about female bodies, and the regulation of female sexuality by families, religions, and states.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 479.

** HIST 480. Russia's 19th Century: Cultural Splendor, Imperial Decay. 3 Credits.**

The diplomatic, military, and ideological confrontations with the West; the decline and fall of the Russian autocracy; the evolution of reform thought; and revolutionary opposition.

**Rules & Requirements**

** IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 481. From Communists to Capitalists: Eastern Europe since 1945. 3 Credits.**

An examination of the countries of Eastern Europe, their origins and development since World War II, their cohesion and conflict.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 482. Russia, Eurasian Empire. 3 Credits.**

This course examines the development of the Russian Empire, from the Mongol conquest in the 13th century to the transformation of Imperial Russia in the Soviet Union after 1917.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 483. Nation and Religion in Russia. 3 Credits.**

This course explores the role of nation and religion in shaping political, cultural, and social experience and change in Tsarist and Soviet Russia through the prism of Christianity, Islam, and Judaism.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 484. Islam in Tsarist and Soviet Russia. 3 Credits.**

This course examines the role that Islam has played in the history of the Russian sphere—interior Russia, Siberia, the Caucasus, and Central Asia—from the 18th century to the present. Topics include methods of rule, social change, Islamic institutions, attempts to bureaucratize religion, and resistance.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 485. From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History. 3 Credits.**

Eastern Europe was one of the largest centers of Jewish civilization from premodern times to the Second World War, giving rise to important religious, cultural, and political developments in Jewish modernity. This course examines main developments of Jewish society from the late 18th century until the aftermath of the Holocaust.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** JWST 485.

**HIST 486. Extremism, Terrorism, and Security in Postwar Europe. 3 Credits.**

In the debate on how to efficiently combat terrorism without abandoning the rule-of-law, it is often neglected that this is not a new problem. This course will examine European states' reactions to national and international terrorism since the 1960s. Case studies will include Germany, Italy, and the United Kingdom. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 485.

**HIST 488. Global Intellectual History. 3 Credits.**

This seminar studies the circulation, exchange, translation, reception, and adaptation of political, social, and cultural ideas across time and space. After considering systems of knowledge in Asia, Africa, and the Americas, the seminar explores reactions to European empire. Themes include (de)coloniality, modernity, development, conceptions of nationality, race, and civilizations. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 489. The History of the 2008 Financial Crisis. 3 Credits.**

This course explores the 2008 financial crisis as a window into the longer history of global capitalism. We consider the construction of the sub-prime mortgage market, mass securitization, deregulation, and the interconnected nature of global finance, as well as the historical development of crises within financial capitalism. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 490. Special Topics in History. 3 Credits.**

Subject matter will vary with instructor but will focus on some particular topic or historical approach. Course description available from the departmental office. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**HIST 493. Internship in History. 1-3 Credits.**

Permission of the director of undergraduate studies. A supervised internship at an organization or institution engaged in the promotion of historical studies or the collection and preservation of historical documents and artifacts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**HIST 495. Directed Readings in History. 1-3 Credits.**

Permission of the director of undergraduate studies. Directed reading and relevant writing, supervised by a member of the department, in a selected field of history.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HIST 496. Independent Research in History. 1-3 Credits.**

Permission of the director of undergraduate studies. Directed primary source research and production of a research project, supervised by a member of the department. Prior coursework in the selected field is recommended.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HIST 500. Gender, Empire, and Nation. 3 Credits.**

This course explores the growing body of research on gender, empire, and nation/nationalism in modern European history by focusing on problems of national belongings and citizenship, state and nation building and empire formation, and the gendered discourses and representations of nation and empire.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 500.

**HIST 508. Europe and Humanitarian Aid since 1945: Concepts, Actors, Practices. 3 Credits.**

This seminar offers students an insight into the role of Europe within the global regime of humanitarian aid. After looking at the history and at theoretical definitions of humanitarianism, the course will examine a variety of case studies to assess the changing role of Europe in the post-war era.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 509. The World History of Slavery. 3 Credits.**

This course considers slavery in comparative context, from ancient times to the present and across the world. It offers a chronological narrative and raises themes for comparison, including women in slavery and challenges to slavery. This approach allows for a wide view of this pervasive institution and develops analytical skills.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 510. Human Rights in the Modern World. 3 Credits.**

This course looks at the international history of human rights from the Enlightenment to the present and considers how human rights ideas first emerged, how they evolved, and how they became so influential. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**HIST 511. 9/11 in World History. 3 Credits.**

This course focuses on three great decolonization movements—Communism, Nationalism, and Islamism—in the postcolonial Islamic world, in an attempt to understand the impact of the 9/11/2001 terrorists attacks on the social, political, and cultural life of Muslims in predominantly Islamic countries and diasporic communities in the West. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

 **HIST 514. Monuments and Memory. 3 Credits.**

Explores the role of monuments in the formation of cultural memory and identity, both nationally and globally. Topics include the construction of identities in and through public spaces, commemoration of both singular individuals and ordinary citizens, and the appearance of new types of post-traumatic monuments in the 20th century.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** ARTH 514.

**HIST 516. Historical Time. 3 Credits.**

This course explores the ways in which Western historians and other students of the past from Adam Ferguson to Stephen Jay Gould have conceptualized and packaged historical time. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 517. Gender, Military, and War. 3 Credits.**

This course introduces students to new research on the history of gender, the military, and war in a comparative perspective. It explores the interrelations between changing military systems, types of warfare, the gender order, as well as political, social, and cultural currents in modern history.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 517, WGST 517.

**HIST 518. Colloquium in World Military History. 3 Credits.**

Reading colloquium in world military history, emphasizing Europe, focusing on the most significant issues, methods, and approaches in the field today.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HIST 526. History of the Andes. 3 Credits.**

This course offers a survey of the history of the Andean region. The primary focus will be either the pre-Inca, Inca, and colonial periods or the 19th and 20th centuries, depending on the instructor.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 531. History of the Caribbean. 3 Credits.**

Thematic approach to the history of the West Indies, with emphasis on the period from European conquest through the 20th century. Topics include colonialism, slavery, monoculture, United States-Caribbean relations, and decolonization.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HIST 532. History of Cuba. 3 Credits.**

Thematic approach to Cuban history, from conquest to the revolution. Attention is given to socioeconomic developments, slavery and race relations, the 19th-century independence process, and the 20th-century republic.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HIST 534. Slavery and the US Civil War. 3 Credits.**

A comparative examination of the movements, experiences, and contributions of Africans and people of African descent from the period of the Atlantic slave trade to the present. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**HIST 535. Women and Gender in African History. 3 Credits.**

Analysis of historical transformations in Africa and their effects on women's lives and gender relations. Particular themes include precolonial societies, colonialism, religious change, urban labor, nationalism, and sexuality. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 536. Revolution in the Modern Middle East. 3 Credits.**

This course will focus on revolutionary change in the Middle East during the last century, emphasizing internal social, economic, and political conditions as well as international contexts.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ASIA 536.

**HIST 537. Women in the Middle East. 3 Credits.**

Explores the lives of women in the Middle East and how they have changed over time. Focus will change each year.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 537, WGST 537.

**HIST 538. The Middle East and the West. 3 Credits.**

This course explores changing interactions between the Middle East and the West, including trade, warfare, scientific exchange, and imperialism, and ends with an analysis of contemporary relations in light of the legacy of the past.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ASIA 538.

**HIST 539. The Economic History of Southeast Asia. 3 Credits.**

This course is intended as a broad overview of Southeast Asian economic history from premodern times to the present day.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ASIA 539.

**HIST 550. Gender in Chinese History. 3 Credits.**

This course is designed to introduce undergraduates to recent historical scholarship in the field of Chinese gender studies. Topics include family and kinship, the body and bodily practices, social space, writing, sexuality, work, and law, covering both the premodern and modern periods. No prior coursework required.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**HIST 557. Fiction and History in India. 3 Credits.**

This course examines the histories, representations, and cultural perceptions surrounding bandits and rebels in modern India. The representations of bandits and rebels are studied in the light of the emergence of nationalism, shifting notions of gender and masculinity, race relations, and emergence of capitalist structures.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 557.

 **HIST 562. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** COMM 562, FOLK 562, WGST 562.

**HIST 565. Civil War and Reconstruction, 1848-1900. 3 Credits.**

Focus is on causes, nature, and consequences of the Civil War.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PWAD 565.

**HIST 566. The History of Sexuality in America. 3 Credits.**

A history of the sexual practices, desires, and understandings of Americans, from earliest colonial encounters to the late 20th century.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 568. Women in the South. 3 Credits.**

An exploration of the distinctive themes in Southern women's lives, using the evidence of history and literature.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 568.

**HIST 570. The Vietnam War. 3 Credits.**

A wide-ranging exploration of America's longest war, from 19th-century origins to 1990s legacies, from village battlegrounds to the Cold War context, from national leadership to popular participation and impact.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 570, PWAD 570.

**HIST 571. Southern Music. 3 Credits.**

Explores the history of music in the American South from its roots to 20th-century musical forms, revealing how music serves as a window on the region's history and culture.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** FOLK 571.

**HIST 576. The Ethnohistory of Native American Women. 3 Credits.**

Introduces students to the study of Native American women through the perspectives of anthropology, history, and autobiography.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 576.



**HIST 577. United States Foreign Relations in the 20th Century. 3 Credits.**

How the United States came to occupy a leading role in world affairs as a diplomatic, military, economic, and cultural power and what that role has meant to Americans and to other peoples, especially during the Cold War.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 577.

**HIST 578. Transatlantic Relations and Contemporary Geo-Politics from the Cold War to the Present. 3 Credits.**

This course considers transatlantic relations in its security, political, and economic dimensions. The course also analyzes U.S. attempts to construct a more united European continent. It is the main aim of this course to give students a structured overview of transatlantic relations and geo-political developments from 1945 to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 578.

 **HIST 580. International Relations and Public History. 3 Credits.**

The course combines an academic and practical approach to policy formulation, implementation, and critical evaluation at the global level and based on a solid historical foundation. This course is tightly integrated with the UNC Krasno Global Events Series. Many of the talks in the series as well as the reading material in preparation deal with issues of 20th history, such as the Cold War years, US foreign policy, America's relations with the wider world.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Grading Status:** Letter grade.

**HIST 581. American Constitutional History to 1876. 3 Credits.**

In a classroom environment characterized by discussion, simulation, and interaction, the antecedents, formation, and interpretation of the Constitution are confronted in a broad historical matrix.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**HIST 582. American Constitutional History since 1876. 3 Credits.**

Using a classroom environment similar to HIST 581, constitutional adjustments and change are related to psychological, political, social, and economic factors, and to Supreme Court members.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.


**Grading Status:** Letter grade.

**HIST 584. The Promise of Urbanization: American Cities in the 19th and 20th Centuries. 3 Credits.**

A survey of the development of American cities since 1815 and their influence upon American history.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **HIST 585. Race, Basketball, and the American Dream. 3 Credits.**

This course explores how Americans have used basketball for integration, economic mobility, and political protest. Particular focus is on how black Americans have used the game for individual expression and political and economic advancement; and the ways the game has influenced ideas about race, "whiteness," and "blackness" in our society.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**HIST 587H. The New South. 3 Credits.**

This course explores the transformation of the South from the time of the Civil War and emancipation to the contemporary rise of the Sunbelt.

**Rules & Requirements**

**Grading Status:** Letter grade.

**HIST 589. Race, Racism, and America: (United States) Law in Historical Perspective. 3 Credits.**

This course will historically and critically examine the changing legal status of people of color in the United States. Within a broad historical matrix from the colonial era to the present, it will focus on African Americans, Native Americans, Asian Americans, Latina/os, and United States law.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **HIST 593. Exploring the U.S. South Hands On and Ears Open: Internship at the Southern Oral History Program. 3 Credits.**

Interning at the SOHP offers experiential education in the intellectual, organizational, and practical work of oral history. You will learn to do oral history interviews, contribute to a collaborative research project, and help this esteemed research center with programming, processing interviews, communications, and digital projects. We accept four interns per semester and you must apply through the Southern Oral History Program.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** HS, EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**HIST 670. Introduction to Oral History. 3 Credits.**

Introduces students to the uses of interviews in historical research. Questions of ethics, interpretation, and the construction of memory will be explored, and interviewing skills will be developed through field work.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, CI.

**Grading Status:** Letter grade.

**Same as:** FOLK 670.

**HIST 671. Introduction to Public History. 3 Credits.**

Introduces the theory, politics, and practice of historical work conducted in public venues (museums, historic sites, national parks, government agencies, archives), directed at public audiences, or addressed to public issues.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, EE- Mentored Research, NA.

**Grading Status:** Letter grade.

**Same as:** AMST 671.

**HIST 672. Writing for a Popular Audience. 3 Credits.**

A seminar on the art of translating academic expertise for a general audience. Students read model works ranging from philosophy to biology, workshop story ideas, and learn how to publish in print and online media. Open to all disciplines.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

 **HIST 691H. Honors in History. 3 Credits.**

Permission of the instructor. Introduction to the methods of historical research; designed to lead to the completion of an honors essay.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **HIST 692H. Honors in History. 3 Credits.**

Permission of the instructor. Introduction to the methods of historical research; designed to lead to the completion of an honors essay.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** HS, CI, EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Department of History**

Visit Program Website (<http://history.unc.edu>)

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## History Major, B.A.

The Department of History educates students about the past, teaching them to discover the rich diversity of historical human experiences.

The study of history also equips students with the valuable critical thinking, research, and communication skills they need to succeed in the present, preparing them for a wide variety of careers and a life of informed citizenship.

## Student Learning Outcomes

Upon completion of the history program, students should be able to:


- Appreciate the diversity of human experiences in past eras and parts of the globe
- Identify substantive, well-reasoned topics of historical inquiry for analysis
- Evaluate the quality of historical scholarship and conflicting views of the past
- Analyze primary sources to develop evidence-based arguments
- Produce and document original knowledge about the past in a field of expertise
- Communicate historically informed knowledge in written, digital, and/or oral forms

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
A total of 10 HIST courses		
Four to six courses in a field of concentration (geographical or thematic). See lists below.		12-18
Four to six courses outside the field of concentration		12-18
HIST 398	 Undergraduate Seminar in History (This seminar can be in the field of concentration or outside it.) <sup>H</sup>	3
One course in Latin America or Africa, Asia, and Middle East history		3

At least six courses numbered 200 or above

**Total Hours** **30**

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Each major shall concentrate in one area (see lists below), or students must devise a thematic concentration and have it approved by the chair of the Undergraduate Studies Committee.

The Department of History offers multiple sections of the required HIST 398 undergraduate seminar each semester. Each section focuses on a different topic. Prior to the course registration period, the Department of History will distribute to all history majors information about the next semester's offerings of HIST 398.

All College of Arts and Sciences policies apply, including (but not limited to) the following.

- No history course may be taken for Pass/Fail credit (even if the course serves as a free elective).
- A maximum of 15 history courses (45 hours) may be applied toward the B.A. degree. Any courses beyond the minimal 10 (but not above the maximum of 15) will count as free electives.
- No more than five courses (15 hours) of transfer credit and College Board Advanced Placement/International Baccalaureate credit may count toward the major. Up to five courses (15 hours) of transfer credit may count toward the major, but only up to two courses (six hours) of College Board Advanced Placement or International Baccalaureate credit may count toward the major. In no case can the combination of transfer credits and AP/IB credits exceed 15 hours.

History (HIST) course descriptions (p. 622).

## Field According to Topic

Code	Title	Hours
HIST 190	Special Topics in History	3
HIST 291	Putting Literature and History in Dialogue <sup>H</sup>	3
HIST 390	Special Topics in History <sup>H</sup>	3
HIST 398	Undergraduate Seminar in History <sup>H</sup>	3
HIST 490	Special Topics in History <sup>H</sup>	3
HIST 493	Internship in History	1-3
HIST 495	Directed Readings in History	1-3
HIST 496	Independent Research in History	1-3
HIST 691H	Honors in History	3
HIST 692H	Honors in History	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Geographical Concentrations

### Africa, Asia, and Middle East

Code	Title	Hours
HIST 52	First-Year Seminar: Conflicts over Israel/Palestine	3

HIST 62	First-Year Seminar: Nations, Borders, and Identities	3
HIST 63	First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands <sup>H</sup>	3
HIST 74	First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
HIST 83	First-Year Seminar: African History through Popular Music	3
HIST 130	Modern African History	3
HIST 131	Southeast Asia to the Early 19th Century	3
HIST 133	Introduction to Chinese History	3
HIST 134	Modern East Asia	3
HIST 135	History of the Indian Subcontinent to 1750	3
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
HIST 137	Muhammad to Malcolm X: Islam, Politics, Race, and Gender	3
HIST 138	History of Muslim Societies to 1500	3
HIST 139	History of Muslim Societies since 1500	3
HIST 163	Modern Central Asia	3
HIST 166	History of Afghanistan	3
HIST 174H	Honors Seminar in African, Asian, and Middle Eastern History	3
HIST 203	Empires and Cultures in the Modern World	3
HIST 243	The United States and Africa <sup>H</sup>	3
HIST 271	Ancient and Medieval Japanese History and Culture	3
HIST 272	Modern South Asia	3
HIST 274	History of the Ottoman Empire, 1300-1923	3
HIST 276	The Modern Middle East	3
HIST 277	The Conflict over Israel/Palestine	3
HIST 278	The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST 279	Modern South Africa <sup>H</sup>	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 284	Late Imperial China	3
HIST 285	20th-Century China	3
HIST 287	Modern Japan	3
HIST 288	Japan in the 20th Century	3
HIST 312	History of France and Algeria	3
HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3
HIST 340	Ethics and Business in Africa <sup>H</sup>	3
HIST 440	Gender in Indian History	3
HIST 442	Religion, Co-existence, and Conflict in Pre-Colonial India	3
HIST 483	Nation and Religion in Russia	3
HIST 484	Islam in Tsarist and Soviet Russia	3
HIST 511	9/11 in World History <sup>H</sup>	3
HIST 534	The African Diaspora	3

HIST 535	Women and Gender in African History <sup>H</sup>	3
HIST 536	Revolution in the Modern Middle East	3
HIST 537	Women in the Middle East	3
HIST 538	The Middle East and the West	3
HIST 539	The Economic History of Southeast Asia	3
HIST 550	Gender in Chinese History	3
HIST 557	Fiction and History in India	3
HIST 570	The Vietnam War	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Latin America

Code	Title	Hours
HIST 51	First-Year Seminar: Latin American Revolutions	3
HIST 76	First-Year Seminar: Understanding 1492	3
HIST 142	Latin America under Colonial Rule	3
HIST 143	Latin America since Independence	3
HIST 145	Latin American Indigenous Peoples	3
HIST 175H	Honors Seminar in Latin American History	3
HIST 203	Empires and Cultures in the Modern World	3
HIST 240	Introduction to Mexico: A Nation in Four Revolutions	3
HIST 242	United States-Latin American Relations	3
HIST 248	Guerrillas and Counterinsurgencies in Latin America	3
HIST 280	Women and Gender in Latin American History	3
HIST 315	Nation-Building in Latin America	3
HIST 526	History of the Andes	3
HIST 531	History of the Caribbean	3
HIST 532	History of Cuba	3

## Russia, Eurasia, and Eastern Europe

Code	Title	Hours
HIST 64	First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia	3
HIST 161	Russia Becomes an Empire	3
HIST 162	Russia under the Last Tsars and Soviet Commissars	3
HIST 163	Modern Central Asia	3
HIST 176H	Honors Seminar in Russian, Eurasian, and Eastern European History	3
HIST 264	Gender in Russian History	3
HIST 334	Rasputin's Russia: Erotic, Decadent, Revolutionary	3
HIST 476	Religion and Ethnicity	3
HIST 477	Revolution in Russia, 1900-1930	3
HIST 478	Stalin and After: The USSR, 1929-Present	3
HIST 480	Russia's 19th Century: Cultural Splendor, Imperial Decay	3

HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 482	Russia, Eurasian Empire	3
HIST 483	Nation and Religion in Russia	3
HIST 484	Islam in Tsarist and Soviet Russia	3

## Europe

Code	Title	Hours
HIST 53	First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3
HIST 64	First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia	3
HIST 66	First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3
HIST 72	First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3
HIST 81	First-Year Seminar: Diaries, Memoirs, and Testimonies of the Holocaust	3
HIST 84	First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies <sup>H</sup>	3
HIST 85	First-Year Seminar: What Concentration Camp Survivors Tell Us <sup>H</sup>	3
HIST 104	Introduction to Major Problems in European History	3
HIST 151	European History to 1650	3
HIST 152	European History since 1650	3
HIST 153	From the Bible to Broadway: Jewish History to Modern Times	3
HIST 158	Early Modern European History, 1450-1815	3
HIST 159	From War to Prosperity: 20th-Century Europe	3
HIST 161	Russia Becomes an Empire	3
HIST 162	Russia under the Last Tsars and Soviet Commissars	3
HIST 164	Victorian Britain: From Slavery to South African War	3
HIST 165	20th Century Britain: from the Great War to Brexit	3
HIST 177H	Honors Seminar in Early European History	3
HIST 178H	Honors Seminar in Modern European History	3
HIST 205	War, Diplomacy, and Statecraft, 1618-1815	3
HIST 206	War, Diplomacy, and Statecraft, 1815-1945	3
HIST 251	The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
HIST 252	Politics, Society, and Culture in Modern Germany (1871-1945)	3
HIST 254	War and Society in Early Modern Europe	3
HIST 255	Manor to Machine: The Economic Shaping of Europe	3
HIST 256	France, 1940 to the Present	3

HIST 257	 Politics, Society, and Culture in Postwar Germany	3
HIST 258	Modern Italy since 1848	3
HIST 259	 Towards Emancipation? Women in Modern Europe	3
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era	3
HIST 261	France, 1870-1940	3
HIST 262	 History of the Holocaust: The Destruction of the European Jews	3
HIST 264	Gender in Russian History	3
HIST 269	Modern London: Empire, Race, and Culture <sup>H</sup>	3
HIST 306	 Princes and Reformations in Germany, 1400-1600	3
HIST 307	 War and Enlightenment in Germany, 1600-1815	3
HIST 308	The Renaissance and the Jews	3
HIST 309	Old Regime France, 1661-1787	3
HIST 310	The French Revolution	3
HIST 320	 Art, History, and the Modern Museum	3
HIST 325	Food and History	3
HIST 332	Identity and Community in Modern Jewish History: The Case of Durham	3
HIST 334	Rasputin's Russia: Erotic, Decadent, Revolutionary	3
HIST 347	Fascist Challenge in Europe, 1918-1945	3
HIST 348	History of Migration	3
HIST 353	Cinema, Culture, and Society	3
HIST 354	War and Gender in Movies <sup>H</sup>	3
HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
HIST 453	Mediterranean Societies and Economics in the Renaissance World	3
HIST 454	The Reformation	3
HIST 458	Europe and the World Wars, 1914-1945	3
HIST 462	Germany, 1806-1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 466	Modern European Intellectual History <sup>H</sup>	3
HIST 468	Art, Politics, and Society in France, 1850-1914	3
HIST 469	European Social History	3
HIST 474	Britain in World Affairs: British Foreign Policy since World War II	3
HIST 476	Religion and Ethnicity	3
HIST 477	Revolution in Russia, 1900-1930	3
HIST 478	Stalin and After: The USSR, 1929-Present	3
HIST 479	History of Female Sexualities	3
HIST 480	 Russia's 19th Century: Cultural Splendor, Imperial Decay	3
HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 482	Russia, Eurasian Empire	3

HIST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History	3
HIST 486	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3
HIST 500	Gender, Empire, and Nation	3
HIST 508	Europe and Humanitarian Aid since 1945: Concepts, Actors, Practices	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3
HIST 516	Historical Time <sup>H</sup>	3
HIST 517	Gender, Military, and War	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## United States

Code	Title	Hours
HIST 53	 First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3
HIST 66	 First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3
HIST 70	 First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study	3
HIST 79	 First-Year Seminar: Coming of Age in 20th Century America	3
HIST 102	Introduction to Major Problems in U.S History	3
HIST 110	 Introduction to the Cultures and Histories of Native North America	3
HIST 120	 Sport and American History	3
HIST 121	 History of Religion in North America	3
HIST 124	 United States History through Film	3
HIST 125	 The Social History of Popular Music in 20th-Century America	3
HIST 127	 American History to 1865	3
HIST 128	 American History since 1865	3
HIST 144	 Women in the United States from Settlement to Present	3
HIST 179H	Honors Seminar in American History	3
HIST 205	 War, Diplomacy, and Statecraft, 1618-1815	3
HIST 206	 War, Diplomacy, and Statecraft, 1815-1945	3
HIST 230	 Why History Matters to Public Policy	3
HIST 231	 Native American History: The East	3
HIST 233	Native American History: The West	3
HIST 234	 Native American Tribal Studies <sup>H</sup>	3
HIST 235	 Native America in the 20th Century	3
HIST 236	 Sex and American History	3
HIST 237	 Colonial American History to 1763	3
HIST 238	 The American Revolution, 1763-1815	3
HIST 239	Religion in North America since 1865	3
HIST 241	History of Latinos in the United States	3

HIST 242	United States-Latin American Relations	3
HIST 244	History of the American Presidency	3
HIST 245	The United States and the Cold War: Origins, Development, Legacy	3
HIST 246	The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3
HIST 289	America in the 1970s	3
HIST 302H	Movies Make History: Films as Primary Sources in Europe and America	3
HIST 320	Art, History, and the Modern Museum	3
HIST 322	Technology and American Culture	3
HIST 325	Food and History	3
HIST 355	American Women's History to 1865	3
HIST 356	American Women's History, 1865 to the Present	3
HIST 357	The U.S. South to 1865	3
HIST 358	The New South	3
HIST 359	The Early American Republic, 1789-1848	3
HIST 360	Ideas in Modern America <sup>H</sup>	3
HIST 361	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST 362	Baseball and American History	3
HIST 363	Popular Culture and American History <sup>H</sup>	3
HIST 364	History of American Business	3
HIST 365	The Worker and American Life	3
HIST 366	North Carolina History before 1865	3
HIST 367	North Carolina History since 1865	3
HIST 368	War and American Society to 1903	3
HIST 369	War and American Society	3
HIST 372	History of American Politics, 1932-Present <sup>H</sup>	3
HIST 373	The United States in World War II	3
HIST 374	The American West, 1800 to the Present	3
HIST 375	History of Gender in America	3
HIST 376	History of African Americans to 1865	3
HIST 377	History of African Americans, 1865 to Present <sup>H</sup>	3
HIST 382	The History of the Civil Rights Movement <sup>H</sup>	3
HIST 383	Big-Time College Sports and the Rights of Athletes, 1874 to the Present	3
HIST 384	America in the Sixties <sup>H</sup>	3
HIST 385	African American Women's History	3
HIST 459	Global Evangelicalism since 1600	3
HIST 475	History of Feminism <sup>H</sup>	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3
HIST 517	Gender, Military, and War	3
HIST 562	Oral History and Performance <sup>H</sup>	3
HIST 565	Civil War and Reconstruction, 1848-1900	3
HIST 566	The History of Sexuality in America	3
HIST 568	Women in the South	3
HIST 570	The Vietnam War	3
HIST 571	Southern Music	3
HIST 576	The Ethnohistory of Native American Women	3

HIST 577	United States Foreign Relations in the 20th Century	3
HIST 581	American Constitutional History to 1876	3
HIST 582	American Constitutional History since 1876	3
HIST 584	The Promise of Urbanization: American Cities in the 19th and 20th Centuries	3
HIST 585	Race, Basketball, and the American Dream	3
HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
HIST 593	Exploring the U.S. South Hands On and Ears Open: Internship at the Southern Oral History Program	1-3
HIST 670	Introduction to Oral History	3
HIST 671	Introduction to Public History	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Thematic Concentrations

### Ancient and Medieval

Code	Title	Hours
HIST 105	Empires in World History	3
HIST 106	Ancient History	3
HIST 107	Medieval History	3
HIST 108	Introduction to Early Medieval History 500-1050	3
HIST 151	European History to 1650	3
HIST 177H	Honors Seminar in Early European History	3
HIST 225	History of Greece	3
HIST 226	History of Rome	3
HIST 228	Medieval Science	3
HIST 255	Manor to Machine: The Economic Shaping of Europe	3
HIST 306	Princes and Reformations in Germany, 1400-1600	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 423	Archaic Greece, 800-480 BCE	3
HIST 424	Classical Greece (Sixth-Fourth Centuries BCE)	3
HIST 425	Roman History, 154 BCE-14 CE	3
HIST 427	The Early Roman Empire, 14 CE-193 CE	3
HIST 428	The Later Roman Empire, 193 CE-378 CE	3
HIST 431	The Medieval Church	3
HIST 432	The Crusades	3
HIST 434	Medieval England	3
HIST 435	The Medieval University	3
HIST 437	Aristocratic Culture in the Central Middle Ages	3
HIST 438	Medieval Masculinities, 500-1200 <sup>H</sup>	3
HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3

HIST 453	Mediterranean Societies and Economics in the Renaissance World	3
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<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Global History

Code	Title	Hours
HIST 53	 First-Year Seminar. Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3
HIST 62	 First-Year Seminar. Nations, Borders, and Identities	3
HIST 66	 First-Year Seminar. Film and History in Europe and the United States, 1908-1968	3
HIST 76	 First-Year Seminar. Understanding 1492	3
HIST 83	 First-Year Seminar. African History through Popular Music	3
HIST 103	Introduction to Major Problems in Modern World History	3
HIST 105	Empires in World History	3
HIST 138	History of Muslim Societies to 1500	3
HIST 139	 History of Muslim Societies since 1500	3
HIST 140	 The World since 1945	3
HIST 203	 Empires and Cultures in the Modern World	3
HIST 205	 War, Diplomacy, and Statecraft, 1618-1815	3
HIST 206	 War, Diplomacy, and Statecraft, 1815-1945	3
HIST 207	 The Global Cold War	3
HIST 210	 Global Issues and Globalization	3
HIST 212	History of Sea Power	3
HIST 213	Air Power and Modern Warfare	3
HIST 220	 The Olympic Games: A Global History <sup>H</sup>	3
HIST 242	 United States-Latin American Relations	3
HIST 243	 The United States and Africa <sup>H</sup>	3
HIST 246	 The Long Cold War. U.S. Foreign Relations in the 20th and 21st Centuries	3
HIST 247	 Early Modern Japanese History and Culture	3
HIST 249	 Modern Global Christianity	3
HIST 266	 Global History of Warfare	3
HIST 278	 The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 302H	 Movies Make History. Films as Primary Sources in Europe and America	3
HIST 312	 History of France and Algeria	3
HIST 325	Food and History	3
HIST 329	An Introduction to the History of Medicine <sup>H</sup>	3
HIST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>H</sup>	3
HIST 346	Dictators in the 20th Century	3

HIST 349	Comparative Empires in the Modern World	3
HIST 354	War and Gender in Movies <sup>H</sup>	3
HIST 459	Global Evangelicalism since 1600	3
HIST 474	Britain in World Affairs: British Foreign Policy since World War II	3
HIST 479	History of Female Sexualities	3
HIST 508	Europe and Humanitarian Aid since 1945: Concepts, Actors, Practices	3
HIST 509	The World History of Slavery	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3
HIST 511	9/11 in World History <sup>H</sup>	3
HIST 514	 Monuments and Memory	3
HIST 516	Historical Time <sup>H</sup>	3
HIST 517	Gender, Military, and War	3
HIST 534	The African Diaspora	3
HIST 538	The Middle East and the West	3
HIST 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Politics, Law, and Economy

Code	Title	Hours
HIST 51	 First-Year Seminar. Latin American Revolutions	3
HIST 52	 First-Year Seminar. Conflicts over Israel/Palestine	3
HIST 62	 First-Year Seminar. Nations, Borders, and Identities	3
HIST 63	 First-Year Seminar. Water, Conflict, and Connection: the Middle East and Ottoman Lands <sup>H</sup>	3
HIST 64	 First-Year Seminar. Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia	3
HIST 74	 First-Year Seminar. Emperors, Courts, and Consumption: The Mughals of India	3
HIST 105	Empires in World History	3
HIST 106	 Ancient History	3
HIST 107	 Medieval History	3
HIST 108	 Introduction to Early Medieval History 500-1050	3
HIST 127	 American History to 1865	3
HIST 128	 American History since 1865	3
HIST 130	 Modern African History	3
HIST 134	Modern East Asia	3
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
HIST 140	 The World since 1945	3
HIST 142	 Latin America under Colonial Rule	3
HIST 158	 Early Modern European History, 1450-1815	3
HIST 161	 Russia Becomes an Empire	3











HIST 162	 Russia under the Last Tsars and Soviet Commissars	3	HIST 463	Germany since 1918: Politics, Society, and Culture <sup>H</sup>	3
HIST 203	 Empires and Cultures in the Modern World	3	HIST 468	Art, Politics, and Society in France, 1850-1914	3
HIST 205	 War, Diplomacy, and Statecraft, 1618-1815	3	HIST 481	From Communists to Capitalists: Eastern Europe since 1945	3
HIST 206	 War, Diplomacy, and Statecraft, 1815-1945	3	HIST 482	Russia, Eurasian Empire	3
HIST 207	 The Global Cold War	3	HIST 489	 The History of the 2008 Financial Crisis <sup>H</sup>	3
HIST 225	 History of Greece	3	HIST 500	Gender, Empire, and Nation	3
HIST 226	History of Rome	3	HIST 510	Human Rights in the Modern World <sup>H</sup>	3
HIST 235	 Native America in the 20th Century	3	HIST 565	Civil War and Reconstruction, 1848-1900	3
HIST 238	 The American Revolution, 1763-1815	3	HIST 581	American Constitutional History to 1876	3
HIST 244	 History of the American Presidency	3	HIST 582	American Constitutional History since 1876	3
HIST 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3			
HIST 255	 Manor to Machine: The Economic Shaping of Europe	3	<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.		
HIST 256	 France, 1940 to the Present	3	<b>Religion, Culture, and Intellectual Life</b>		
HIST 257	 Politics, Society, and Culture in Postwar Germany	3	<b>Code</b>	<b>Title</b>	<b>Hours</b>
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era	3	HIST 50	 First-Year Seminar: Time and the Medieval Cosmos	3
HIST 272	Modern South Asia	3	HIST 53	 First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3
HIST 273	 Water, Conflict, and Connection in the Middle East	3	HIST 66	 First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3
HIST 274	 History of the Ottoman Empire, 1300-1923	3	HIST 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
HIST 276	 The Modern Middle East	3	HIST 107	 Medieval History	3
HIST 277	 The Conflict over Israel/Palestine	3	HIST 108	 Introduction to Early Medieval History 500-1050	3
HIST 278	 The Trans-Atlantic Slave Trade <sup>H</sup>	3	HIST 110	 Introduction to the Cultures and Histories of Native North America	3
HIST 284	Late Imperial China	3	HIST 121	 History of Religion in North America	3
HIST 309	Old Regime France, 1661-1787	3	HIST 124	 United States History through Film	3
HIST 310	The French Revolution	3	HIST 125	 The Social History of Popular Music in 20th-Century America	3
HIST 313	 Women and the Law in Africa and the Middle East	3	HIST 135	 History of the Indian Subcontinent to 1750	3
HIST 335	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3	HIST 138	History of Muslim Societies to 1500	3
HIST 346	Dictators in the 20th Century	3	HIST 139	 History of Muslim Societies since 1500	3
HIST 352	The Great Depression and Its Legacies <sup>H</sup>	3	HIST 203	 Empires and Cultures in the Modern World	3
HIST 354	War and Gender in Movies <sup>H</sup>	3	HIST 239	Religion in North America since 1865	3
HIST 359	The Early American Republic, 1789-1848	3	HIST 247	 Early Modern Japanese History and Culture	3
HIST 365	The Worker and American Life	3	HIST 249	 Modern Global Christianity	3
HIST 372	 History of American Politics, 1932-Present <sup>H</sup>	3	HIST 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
HIST 382	The History of the Civil Rights Movement <sup>H</sup>	3	HIST 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3
HIST 425	Roman History, 154 BCE-14 CE	3	HIST 257	 Politics, Society, and Culture in Postwar Germany	3
HIST 427	The Early Roman Empire, 14 CE-193 CE	3	HIST 259	 Towards Emancipation? Women in Modern Europe	3
HIST 428	The Later Roman Empire, 193 CE-378 CE	3			
HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3			
HIST 462	Germany, 1806-1918: Politics, Society, and Culture <sup>H</sup>	3			










HIST 263	 Gender and Religion in Premodern Europe <sup>H</sup>	3	HIST 246	 The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3
HIST 270	Mughal India	3	HIST 248	Guerrillas and Counterinsurgencies in Latin America	3
HIST 271	 Ancient and Medieval Japanese History and Culture	3	HIST 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
HIST 291	 Putting Literature and History in Dialogue <sup>H</sup>	3	HIST 254	 War and Society in Early Modern Europe	3
HIST 302	 Movies Make History: Films as Primary Sources in Europe and America <sup>H</sup>	3	HIST 266	 Global History of Warfare	3
HIST 306	 Princes and Reformations in Germany, 1400-1600	3	HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 307	 War and Enlightenment in Germany, 1600-1815	3	HIST 307	 War and Enlightenment in Germany, 1600-1815	3
HIST 331	Sex, Religion, and Violence: Revolutionary Thought in Modern South Asia	3	HIST 310	The French Revolution	3
HIST 333	Love and Politics in Early India	3	HIST 315	 Nation-Building in Latin America	3
HIST 353	Cinema, Culture, and Society	3	HIST 354	War and Gender in Movies <sup>H</sup>	3
HIST 360	 Ideas in Modern America <sup>H</sup>	3	HIST 368	War and American Society to 1903	3
HIST 363	Popular Culture and American History <sup>H</sup>	3	HIST 369	War and American Society	3
HIST 431	The Medieval Church	3	HIST 373	The United States in World War II	3
HIST 432	The Crusades	3	HIST 388	Chinese Strategic Thought: Antiquity to the Present	3
HIST 434	 Medieval England	3	HIST 421	Alexander	3
HIST 437	 Aristocratic Culture in the Central Middle Ages	3	HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 438	 Medieval Masculinities, 500-1200 <sup>H</sup>	3	HIST 434	 Medieval England	3
HIST 442	Religion, Co-existence, and Conflict in Pre-Colonial India	3	HIST 458	Europe and the World Wars, 1914-1945	3
HIST 454	The Reformation	3	HIST 477	Revolution in Russia, 1900-1930	3
HIST 459	Global Evangelicalism since 1600	3	HIST 517	Gender, Military, and War	3
HIST 466	Modern European Intellectual History <sup>H</sup>	3	HIST 518	Colloquium in World Military History	3
HIST 468	Art, Politics, and Society in France, 1850-1914	3	HIST 536	Revolution in the Modern Middle East	3
HIST 483	Nation and Religion in Russia	3	HIST 570	The Vietnam War	3
HIST 484	Islam in Tsarist and Soviet Russia	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## War, Revolution, and Society

Code	Title	Hours
HIST 51	 First-Year Seminar: Latin American Revolutions	3
HIST 52	 First-Year Seminar: Conflicts over Israel/Palestine	3
HIST 159	 From War to Prosperity: 20th-Century Europe	3
HIST 205	 War, Diplomacy, and Statecraft, 1618-1815	3
HIST 206	 War, Diplomacy, and Statecraft, 1815-1945	3
HIST 207	 The Global Cold War	3
HIST 212	History of Sea Power	3
HIST 238	 The American Revolution, 1763-1815	3
HIST 240	 Introduction to Mexico: A Nation in Four Revolutions	3
HIST 242	 United States-Latin American Relations	3
HIST 245	 The United States and the Cold War: Origins, Development, Legacy	3

## Women's and Gender History

Code	Title	Hours
HIST 72	 First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3
HIST 130	 Modern African History	3
HIST 144	 Women in the United States from Settlement to Present	3
HIST 236	 Sex and American History	3
HIST 259	 Towards Emancipation? Women in Modern Europe	3
HIST 264	Gender in Russian History	3
HIST 280	 Women and Gender in Latin American History	3
HIST 354	War and Gender in Movies <sup>H</sup>	3
HIST 355	American Women's History to 1865	3
HIST 356	American Women's History, 1865 to the Present	3
HIST 361	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST 375	History of Gender in America	3
HIST 385	 African American Women's History	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

HIST 438	 Medieval Masculinities, 500-1200 <sup>H</sup>	3
HIST 475	History of Feminism <sup>H</sup>	3
HIST 479	History of Female Sexualities	3
HIST 500	Gender, Empire, and Nation	3
HIST 517	Gender, Military, and War	3
HIST 535	Women and Gender in African History <sup>H</sup>	3
HIST 537	Women in the Middle East	3
HIST 562	 Oral History and Performance <sup>H</sup>	3
HIST 566	The History of Sexuality in America	3
HIST 568	Women in the South	3
HIST 576	The Ethnohistory of Native American Women	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## History Major, NUS Joint Degree

History majors may wish to consider applying for the Joint Degree Program (<https://studyabroad.unc.edu/find-program/joint-degree/>), an innovative undergraduate degree program joining UNC–Chapel Hill and the National University of Singapore, one of the top universities in Asia and the world. UNC–Chapel Hill undergraduates spend from two to four semesters at the National University of Singapore and receive a joint bachelor of arts degree with a major in history from both institutions.

## Special Opportunities in History

### Honors in History

The departmental honors program is open to any qualified history major with at least a 3.3 cumulative grade point average and, under normal circumstances, a 3.4 in history courses, and experience in research and writing derived from an undergraduate seminar in history (HIST 398). The student pursuing a degree in history with honors must take HIST 691H and HIST 692H; these two courses contribute credit hours toward fulfilling field-of-concentration requirements, depending on the topic of the thesis. The student, in consultation with the honors director, will choose a topic and locate an appropriate faculty member to supervise a senior honors thesis. In HIST 691H the mechanics of researching and writing a senior essay will be discussed and a start made on the essay itself. In HIST 692H the essay will be completed and the student examined by the supervisor and at least one additional faculty member to be agreed upon by the student and supervisor. To receive highest honors the essay must be recommended by the examiners and a review committee. The director of honors, in consultation with the examiners and review committee, will recommend that the student who has defended the essay graduate with either honors or highest honors, or merely with course credit. Students should submit applications for the honors program by the end of February during their junior year. For detailed guidelines click here (<http://history.unc.edu/undergraduate-program/senior-honors-thesis/>) or contact the director of honors in the Department of History.

### Departmental Involvement

Students with broad interests in the intellectual and social life of the department may volunteer to serve on the department's Undergraduate Studies Committee (UGSC). Each spring the department invites majors to volunteer for the UGSC, and the selection is made at the start of the next fall semester by the faculty members on the UGSC. Students may also plan or participate in activities organized by the Undergraduate History

Club as well as, for those who are eligible, UNC–Chapel Hill's chapter of Phi Alpha Theta (described more fully below under "Undergraduate Awards"). For more information about the UGSC, the History Club, and Phi Alpha Theta, see department's website (<https://history.unc.edu/>) or contact the coordinator for undergraduate studies in the Department of History.

### Experiential Education

In some cases, students majoring in history may wish to pursue internship opportunities. Questions and requests regarding internships should be directed to the department's lecturer/advisor, who has responsibility for evaluating internship proposals and deciding whether an internship may be taken for academic credit. For more information, click here (<https://history.unc.edu/undergraduate-opportunities/>).

All history majors will receive credit for the Research and Discovery requirement (in the IDEAs in Action General Education curriculum) or the Experiential Education requirement (in the Making Connections General Education curriculum) when they complete HIST 398.

### Study Abroad

The department strongly encourages its students to explore the many study abroad opportunities provided by the Study Abroad Office. The experience of studying abroad opens intellectual horizons that can be glimpsed only in unfamiliar worlds, and it deepens one's appreciation for the enduring power of historical context and circumstance.

The Department of History participates in a unique joint degree program with the National University of Singapore. The department also has an exchange program with King's College in London. For further information about both programs, contact the Study Abroad Office and the director of undergraduate studies in the department. General information for history majors wishing to study abroad can be found on the department's website (<http://history.unc.edu/undergraduate-program/study-abroad/>).

### Undergraduate Awards

All majors who complete the required undergraduate seminar (HIST 398) are automatically eligible for the annual Joshua Meador Prize, awarded to the author of the best seminar paper written in the preceding calendar year. A named prize is also awarded to the author of the best honors thesis; the award is announced at the annual spring honors banquet.

The Department of History sponsors a chapter of Phi Alpha Theta, the national history honor society. Students who have taken 12 hours of history courses at UNC–Chapel Hill and who have an overall grade point average of 3.0 and an average in history courses of 3.1 are eligible to apply for membership. An announcement regarding applications for Phi Alpha Theta will be distributed to all history majors in the fall semester.

### Undergraduate Research

The Department of History encourages undergraduate research in a variety of ways. The required seminar for majors (HIST 398) introduces students to historical research. The senior honors program (HIST 691H and HIST 692H) gives students an opportunity to carry out a yearlong research project. In both the fall and spring semesters, senior honors students may apply for competitive awards, including the Michael L. and Matthew L. Boyatt Awards in History for Undergraduate Research and the David Anthony Kusa Undergraduate Research Award, to help support travel for the purpose of research.

## Department Programs

### Major

- History Major, B.A. (p. 650)

### Minors

- History Minor (p. 659)
- Medieval and Early Modern Studies (MEMS) Minor (p. 660)

### Graduate Programs

- M.A. in History (<http://catalog.unc.edu/graduate/schools-departments/history/>)
- Ph.D. in History (<http://catalog.unc.edu/graduate/schools-departments/history/>)

## Contact Information

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## History Minor

The study of history is an essential part of a liberal arts education and offers valuable preparation for many careers: in law, journalism, libraries, and museums; in local, state, and national public service; in business; in international work; and, of course, in historical research and teaching.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill

- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Five history (HIST) courses taken in the Department of History <sup>1, 2</sup>		15
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> A maximum of two courses can be numbered below 200.

<sup>2</sup> No more than one course (3 hours) of College Board Advanced Placement or International Baccalaureate credit may count toward the minor.

History (HIST) course descriptions (p. 622).

See the program page here (p. 658) for special opportunities.

## Department Programs

### Major

- History Major, B.A. (p. 650)

### Minors

- History Minor (p. 659)
- Medieval and Early Modern Studies (MEMS) Minor (p. 660)

### Graduate Programs

- M.A. in History (<http://catalog.unc.edu/graduate/schools-departments/history/>)
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samlouie@unc.edu**Business Manager**David Culclasure  
davidnc@ad.unc.edu

## Medieval and Early Modern Studies (MEMS) Minor

The undergraduate minor in medieval and early modern studies provides students with a broad, humanities-based approach to the rich and fascinating cultures that flourished globally from around 500 CE to 1800 CE.

### Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

This interdisciplinary minor requires students to take five classes representing at least three different subject codes.




Code	Title	Hours
<b>Core Requirements</b>		
One core course chosen from:		3
ARTH 264	Medieval Art in Western Europe	
ASIA/HIST 135	History of the Indian Subcontinent to 1750	
ASIA/RELI 180	Introduction to Islamic Civilization	
CMPL 120	Great Books I: Epic and Lyric Traditions	
ENGL 120	British Literature, Medieval to 18th Century <sup>H</sup>	
HIST 107	Medieval History	
HIST 158	Early Modern European History, 1450-1815	
MUSC 251	Studies in Medieval and Early Modern Music	
At least one course at the 300 level or above		3
No more than three courses at the 100 level (including the core course)		9
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

The following courses are approved for the MEMS minor. With the prior approval of the MEMS minor supervisor up to two courses can be applied to the minor as transfer credits from other institutions.

Code	Title	Hours
<b>Medieval and Early Modern Studies Course List</b>		
AMST/ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3
AMST/HIST 110	Introduction to the Cultures and Histories of Native North America	3
ANTH 121	Ancient Cities of the Americas	3
ARTH 54	First-Year Seminar: Art, War, and Revolution <sup>H</sup>	3
ARTH 151	History of Western Art I <sup>H</sup>	3
ARTH 264	Medieval Art in Western Europe	3
ARTH 265	Medieval Iconography <sup>H</sup>	3
ARTH 270	Early Renaissance Art in Italy	3
ARTH 271	High Renaissance Art in Italy	3
ARTH 274	European Baroque Art	3
ARTH 362	Early Christian Art and Modern Responses	3
ARTH 450	The City as Monument <sup>H</sup>	3
ARTH 466	History of the Illuminated Book	3
ARTH 467	Celtic Art and Cultures	3
ARTH 471	Northern European Art of the 14th and 15th Centuries	3
ARTH 472	Early Modern Art, 1400-1750 <sup>H</sup>	3
ARTH 490	Special Topics in Art History (based on topic)	3
ASIA/HIST 131	Southeast Asia to the Early 19th Century	3
ASIA/HIST 135	History of the Indian Subcontinent to 1750	3
ASIA/HIST 138	History of Muslim Societies to 1500	3
ASIA/RELI 180	Introduction to Islamic Civilization	3
ASIA/RELI 183	Asian Religions	3
ASIA/RELI 284	The Buddhist Tradition: East Asia	3
ASIA/RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ASIA/RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3
ASIA/RELI 488	Shinto in Japanese History	3
ASIA/RELI 489	Animals in Japanese Religion	3
ASIA/RELI 581	Sufism	3
ASIA/RELI 582	Islam and Islamic Art in South Asia	3
ASIA/RELI 584	The Qur'an as Literature	3
ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA 301/ RELI 286	Premodern Japanese Religions	3
ASIA 303/ RELI 288	Chinese Religions	3
CLAS 259	Pagans and Christians in the Age of Constantine	3
CLAS/CMPL 364	The Classical Background of English Poetry <sup>H</sup>	3
CMPL 120	Great Books I: Epic and Lyric Traditions	3
CMPL 121	Great Books I: Romancing the World <sup>H</sup>	3
CMPL 122	Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	3

CMPL 123	Great Books I: Politics and Literature from Antiquity to 1750	3	GERM 615	Foundations in German Studies II	3
CMPL 124	Great Books I: Science and Literature from Antiquity to 1750	3	GERM/WGST 220	Women in the Middle Ages	3
CMPL 223	Global Authors: Cervantes	3	GSLL 53	First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem	3
CMPL 317	Myth, Fable, Novella: The Long History of the Short Story <sup>H</sup>	3	GSLL 58	First-Year Seminar: Love in the Middle Ages	3
CMPL 452	The Middle Ages	3	HIST 107	Medieval History	3
CMPL 453	The Erotic Middle Ages	3	HIST 127	American History to 1865	3
CMPL 454	Literature of the Continental Renaissance in Translation <sup>H</sup>	3	HIST 142	Latin America under Colonial Rule	3
CMPL 456	The 18th-Century Novel	3	HIST 151	European History to 1650	3
CMPL 473	Drama, Pageantry, and Spectacle in Medieval Europe	3	HIST 177H	Honors Seminar in Early European History	3
CMPL 478	The Medieval Frame Tale: Chaucer, Boccaccio, and the Arabian Nights	3	HIST 228	Medieval Science	3
CMPL 558	The Lives and Times of Medieval Corpses	3	HIST 255	Manor to Machine: The Economic Shaping of Europe	3
CMPL/ENGL 621	Arthurian Romance	3	HIST 306	Princes and Reformations in Germany, 1400-1600	3
ENGL 120	British Literature, Medieval to 18th Century <sup>H</sup>	3	HIST 307	War and Enlightenment in Germany, 1600-1815	3
ENGL 223	Chaucer <sup>H</sup>	3	HIST 398	Undergraduate Seminar in History (based on topic) <sup>H</sup>	3
ENGL 224	Survey of Medieval English Literature, excluding Chaucer <sup>H</sup>	3	HIST 431	The Medieval Church	3
ENGL 225	Shakespeare <sup>H</sup>	3	HIST 432	The Crusades	3
ENGL 226	Renaissance Drama <sup>H</sup>	3	HIST 434	Medieval England	3
ENGL 227	Literature of the Earlier Renaissance <sup>H</sup>	3	HIST 435	The Medieval University	3
ENGL 228	Literature of the Later Renaissance <sup>H</sup>	3	HIST 437	Aristocratic Culture in the Central Middle Ages	3
ENGL 230	Milton <sup>H</sup>	3	HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
ENGL 237	18th-Century Drama <sup>H</sup>	3	HIST 453	Mediterranean Societies and Economics in the Renaissance World	3
ENGL 325	Shakespeare and His Contemporaries <sup>H</sup>	3	HIST/PWAD 254	War and Society in Early Modern Europe	3
ENGL 327	Renaissance Literature and Its Intellectual Contexts	3	HIST/PWAD 266	Global History of Warfare	3
ENGL 330	Perspectives on the Renaissance	3	HIST/RELI 454	The Reformation	3
ENGL 331	18th-Century Literature <sup>H</sup>	3	HIST/WGST 280	Women and Gender in Latin American History	3
ENGL 430	Renaissance Literature—Contemporary Issues	3	ITAL 241	The Renaissance Mind and Body	3
ENGL/PWAD 660	War in Shakespeare's Plays	3	ITAL 357	Dante, Petrarch, and Boccaccio in English	3
FREN 370	French and Francophone Studies to 1789	3	LATN 205	Medieval Latin	3
FREN 387	Paris/Versailles: The Court and the City in the 17th Century	3	MUSC 251	Studies in Medieval and Early Modern Music	3
FREN 554	Writing the Mediterranean	3	PHIL 215	Medieval Philosophy	3
GERM 210	Getting Medieval: Knights, Violence, and Romance	3	PHIL 220	17th and 18th Century Western Philosophy <sup>H</sup>	3
GERM 216	The Viking Age	3	PHIL 415	Medieval Philosophy	3
GERM 310	Höfische Kultur/Courtly Culture	3	PHIL 421	Rationalism	3
GERM 500	History of the German Language	3	PHIL 422	Empiricism	3
GERM 502	Middle High German	3	PHIL 470	Political Philosophy from Hobbes to Rousseau	3
GERM 505	Early New High German	3	PORT 501	Survey of Portuguese Literature I	3
GERM 511	Old Saxon	3	RELI 64	First-Year Seminar: Reintroducing Islam	3
GERM 514	Old Norse I (Old Icelandic)	3	RELI 161	Introduction to the History of Christian Traditions <sup>H</sup>	3
GERM 515	Old Norse II (Old Icelandic)	3	RELI 165	Mysticism <sup>H</sup>	3
			RELI 362	Mary in the Christian Tradition <sup>H</sup>	3
			RELI 366	Medieval Religious Texts	3

RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3
RELI 450	 Sexuality in Jewish Tradition and History	3
RELI 489	 Animals in Japanese Religion	3
RELI 525	Seminar in Religion and Literature	3
RELI 566	Islamic and Jewish Legal Literature	3
RELI 586	 Women and Gender in Japanese Religions	3
RELI/WGST 371	Women Mystics	3
SPAN 280	Cervantes in English Translation	3
SPAN 371	Studies in Spanish Literature	3
SPAN 383	Medieval Spanish Literature	3
SPAN 384	Spanish Renaissance	3
SPAN 617	Cervantes and the Quijote	3
SPAN 650	The Spanish Comedia of the Golden Age	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 658) for special opportunities.

## Department Programs

### Major

- History Major, B.A. (p. 650)

### Minors

- History Minor (p. 659)
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## Interdisciplinary Studies

### Introduction

The interdisciplinary studies major (IDST), designed by the student and the student's faculty advisor, is intended for students who wish to develop a major different from those already offered by the University. An IDST major has more focus than many of the more traditional majors and therefore should not be seen as a default major for someone undecided about his or her course of study. The IDST major must be well conceived and substantially different from majors that students pursue through traditional departments, schools, and curricula. Students must have a grade point average of at least 3.0 and at least 45 hours left before graduation so that they can complete the major in their time left. All IDST students must identify a faculty advisor who, in the absence of a department and a director of undergraduate studies, will serve as their mentor on course selections, career planning, graduate work, and advanced study. Students are strongly encouraged to meet all of the General Education Foundations and Approaches requirements before pursuing the IDST major. The IDST major offers a special opportunity to define a coherent course of study. It is not intended to provide a path that parallels existing majors, nor is it intended to replicate courses of study in the professional schools. The Advisory Board strongly discourages double majors in the IDST program, since focused study in one field is the best path to advancement.

The IDST program is directed by the associate dean for undergraduate curricula in conjunction with an advisory board, representing the three divisions of the College. The board reads and approves all proposals, and initiates any policy changes, with the associate dean serving as initial advisor. Students interested in an interdisciplinary degree program not covered by any degree-granting department or curriculum should apply to the program director for interdisciplinary studies.


In the past, students have designed their own majors in such varied fields as medieval studies, food studies, arts management, medical geography, neuroscience, healthcare policy, medical humanities, cultural studies, behavioral finance, urban studies, documentary studies, computational physics, and ethnobotany.

### Major


- Interdisciplinary Studies Major, B.A. (p. 669)

## IDST—Interdisciplinary Studies

### Undergraduate-level Courses

 **IDST 89. First-Year Seminar: Special Topics. 3 Credits.**  
Content varies each semester.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

 **IDST 101. College Thriving. 1 Credits.**

College Thriving empowers all students to participate fully in the opportunities of a research university and find resources to support them in their educational pursuits at Carolina. The course enhances and provides new tools to support students' ability to study systematically, learn deeply, and monitor and foster their own well-being. First-year students only. Members of Honors Carolina will fulfill this requirement with HNRS 101 instead.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-THRIVE.  
**Grading Status:** Pass/Fail.

 **IDST 111. Triple-I: Ethics, Economics, and Public Policy. 3 Credits.**

This interdisciplinary course provides an overview of core tools used to analyze issues at the intersection of ethics, economics and public policy. It introduces students to the tools of economic analysis, including markets, prices, and market failures; discusses the ethical dimensions of markets and public policy, including socio-economic justice, the nature of well-being, and individual liberty; and describes challenges in political organization and action that confront policy makers motivated by economic or ethical objectives.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-TRIPLE.  
**Requisites:** Corequisite, IDST 111L.  
**Grading Status:** Letter grade.

**IDST 111L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 111 and 111L in the same semester.


#### Rules & Requirements

**Requisites:** Corequisite, IDST 111.  
**Grading Status:** Letter grade.

 **IDST 112. Triple-I: Death and Dying. 3 Credits.**

Death and dying are universal human experiences. Yet there are cultural and historical variations in how we define and experience death and dying. This course explores the concepts of death and dying from three different disciplines (examples may include, but are not limited to, Anthropology, English and Comparative Literature, and Psychology and Neuroscience). This course will consider similarities and differences between the discipline research methodologies and introduce students to data literacy and principles of evidence.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-TRIPLE.  
**Requisites:** Corequisite, IDST 112L.  
**Grading Status:** Letter grade.

**IDST 112L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 112 and 112L in the same semester.


#### Rules & Requirements

**Requisites:** Corequisite, IDST 112.  
**Grading Status:** Letter grade.

 **IDST 113. Triple-I: The Idea of Race. 3 Credits.**

The idea that humans can be divided into distinct races has been used to justify the persecution, enslavement, and extermination of groups based on their presumed inferiority. Today, scientists agree that what we describe as races are in fact social constructs, not genetic realities. Students will learn why race is not a viable biological concept, how the idea of race arose and is maintained, and what alternatives exist for understanding diversity and change over time.

#### Rules & Requirements


 **IDEAs in Action Gen Ed:** FY-TRIPLE.  
**Requisites:** Corequisite, IDST 113L.  
**Grading Status:** Letter grade.

**IDST 113L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 113 and 113L in the same semester.

#### Rules & Requirements

**Requisites:** Corequisite, IDST 113.  
**Grading Status:** Letter grade.

 **IDST 114. Triple-I: Science Fiction, the Environment, and Vulnerable Communities. 3 Credits.**

This course focuses on the question of how the genre of science fiction has been used to address the world's environmental concerns and how these concerns affect communities differently depending on their gender, race, and class. The course investigates global environmental challenges including resources, overpopulation, consumption, and climate change. Emphasis will be placed on texts and characters created by women and ethnic minorities. Students will be introduced to comparative, global, intersectional, and interdisciplinary approaches.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 114L.

**Grading Status:** Letter grade.

**IDST 114L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 114 and 114L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 114.

**Grading Status:** Letter grade.

 **IDST 115. Triple-I: Understanding Health and Happiness. 3 Credits.**

This course exposes students to diverse scientific approaches to understanding happiness and subjective and physical well-being. The three professors offer perspectives from three disciplines: physiology, psychology, and sociology. The course teaches students research skills as well as evidence-based life skills, such as teamwork, developing social connections including "belongingness" at UNC, being physically active, and becoming confident that they can deploy these skills to increase their happiness and health.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 115L.

**Grading Status:** Letter grade.

**IDST 115L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 115 and 115L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 115.

**Grading Status:** Letter grade.

 **IDST 116. Triple-I: Gender. 3 Credits.**

This course will consider gender through the lenses of three distinct disciplines. We will explore gender-related issues and consider how gender has been conceptualized, represented, and challenged throughout history. This course will establish a foundation from which students can think critically about gender from multiple perspective-personal, social, cultural, and political.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 116L.

**Grading Status:** Letter grade.

**IDST 116L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 116 and 116L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 116.

**Grading Status:** Letter grade.

 **IDST 117. Triple-I: Experiencing Latin America: Bodies, Belonging, Nature. 3 Credits.**

This course examines linguistic, geopolitical, and socio-environmental boundaries to foster an inter-sectional understanding of identity and belonging in the Americas. Course topics (e.g., migration, justice, environmental well being) are examined through Spanish language-based films and artwork. Students will expand their understanding of the Spanish language, context art, and global issues. Students will have assignments that involve performance, creative design, and fabrication.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 117L.

**Grading Status:** Letter grade.

**IDST 117L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 117 and 117L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 117.

**Grading Status:** Letter grade.



**IDST 118. Triple-I: Fake News, Real Science. 3 Credits.**

How can you distinguish "good" science and "bad" science in the world around you? This course focuses on scientific literacy, the defining characteristics of "good" science, and how to identify logical fallacies and heuristic shortcuts that make legitimate science difficult to discern. We will discuss best practices for science educators and journalists to effectively communicate accurate scientific knowledge. Each semester we will focus on two relevant science issues, e.g COVID-19 and climate change.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 118L.

**Grading Status:** Letter grade.

**IDST 118L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 118 and 118L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 118.

**Grading Status:** Letter grade.

**IDST 119. Triple-I: Food: People, Politics, and Policies. 3 Credits.**

Have you ever thought about the food you eat? If you ate a hamburger or a salad, where did that meal come from? If you were living in a different country, what would this meal look like? Who are the laborers who made the meal possible? Is your body designed for this food? How do we make policies about food? What are the ethical concerns around food? This course will discuss these questions and more.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 119L.

**Grading Status:** Letter grade.

**IDST 119L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 119 and 119L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 119.

**Grading Status:** Letter grade.

**IDST 120. Triple-I: Myths, Moons, and Methods. 3 Credits.**

This course focuses on astronomy as it developed in the ancient Mediterranean and early modern Europe, from astronomy's early beginnings as a means to keep calendars and the underpinnings of mythology, to its central role for developing natural sciences during the early modern period. Students will acquire skills to understand how different epochs interpreted the generation of knowledge; how their interpretations were influenced by their culture, mythology, and religion; and how science arrives at knowledge.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 120L.

**Grading Status:** Letter grade.

**IDST 120L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 120 and 120L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 120.

**Grading Status:** Letter grade.

**IDST 121. Triple-I: Performing and Imagining the American South. 3 Credits.**

The Mason-Dixon line marks a physical boundary of the US South, but Southern identity arises from more than a line on a map. This course will examine the South through its music, film, literature, and public rhetoric, to consider how those elements intersect with economic, technological, and political factors. In short, how can the South be simultaneously the birthplace of rock and roll and the origin of the "Southern Strategy", American authenticity and Coca Cola?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 121L.

**Grading Status:** Letter grade.

**IDST 121L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 121 and 121L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 121.

**Grading Status:** Letter grade.

**IDST 122. Triple-I: Humans and the Cosmos. 3 Credits.**

This course is an interdisciplinary introduction to some of the most essential and exciting debates about humanity's relationship to the universe. We explore such topics as the beginning of existence, the nature of time, contact with the supernatural world, and predictions about the end of all things - from the perspective of philosophy, physics, history, and related disciplines.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 122L.

**Grading Status:** Letter grade.

**IDST 122L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 122 and 122L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 122.

**Grading Status:** Letter grade.

**IDST 123. Triple-I: Borders and Boundaries. 3 Credits.**

What are borders and boundaries? How have they changed over time? How do people experience borders and what can they do when they impinge on their lives? We will address these and other questions through case studies anchored in the ancient and modern Middle East and Mediterranean. We will study the cultural and political effects of borders and boundaries, especially the experience of bordering practices by refugees and migrant communities across time.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 123L.

**Grading Status:** Letter grade.

**IDST 123L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 123 and 123L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 123.

**Grading Status:** Letter grade.

**IDST 124. Triple-I: Pandemics: Ethics, Literatures, and Cultures. 3 Credits.**

The COVID-19 pandemic transformed life dramatically for millions of people. Yet its realities - social distancing, quarantine, protective masks, job loss, education disruption, anxiety, loneliness and death, have been part of life during pandemics and epidemics across time and global space. This course brings three specific lenses and sets of methods to bear on experiences of pandemics - those of literature, anthropology, and philosophy. Themes of care, resource inequalities, stigma, and knowledge production are highlighted.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 124L.

**Grading Status:** Letter grade.

**IDST 124L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 124 and 124L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 124.

**Grading Status:** Letter grade.

**IDST 125. Triple-I: The Art and Science of Expertise. 3 Credits.**

In this course, students will learn a framework of expertise development and self-regulation to pursue mastery. Through course materials, collaborative discussions, and interdisciplinary instructor perspectives, students will develop an understanding of their goals, what it takes to become extraordinary in these areas while maintaining their psychological well-being, and a personalized plan to maximize their potential. Topics covered include psychology of motivation and positive functioning, deliberate practice, accountability, competitiveness, leadership, resilience, happiness, flow, and performance measurement.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 125L.

**Grading Status:** Letter grade.

**IDST 125L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 125 and 125L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 125.

**Grading Status:** Letter grade.

 **IDST 126. Triple-I: Values and Prices. 3 Credits.**

Oscar Wilde wisely warns against being someone "who knows the price of everything and the value of nothing" (Lady Windemere's Fan). Of course, people often use the price as shorthand for value. Useful as this is, it is misleading, too, in ways that matter to critical thinking and rational decision making. In this course, we will be exploring the differences - and connections - between prices and values.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 126L.

**Grading Status:** Letter grade.

**IDST 126L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 126 and 126L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 126.

**Grading Status:** Letter grade.

 **IDST 127. Triple-I: What is Art? Where is Art?. 3 Credits.**

What is art? Where is it found? Museums are devoted to it, scholars study it, collectors spend millions to own it. And yet, definitions of art reveal more about the people doing the defining than they do about the creative expressions themselves. By asking the question—rather than by answering it—this class will explore why art matters as a category and what changing conceptions of art tell us about people and cultures around the world.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 127L.

**Grading Status:** Letter grade.

**IDST 127L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 127 and 127L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 127.

**Grading Status:** Letter grade.

 **IDST 128. Triple-I: Never in Polite Company: Talking about Religion and Politics in Public. 3 Credits.**

This course will introduce students to different ethical perspectives and distinctive approaches to current issues including, but not limited to, memory, race, elections, public opinion, gender, sexuality, money, and social media. Students will engage the histories, politics, and religious traditions of communities that historically have been disempowered and interrogate structural processes of bias and inequality with the goal of interrogating these systems and learning how to speak about resistance and transformation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 128L.

**Grading Status:** Letter grade.

**IDST 128L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 128 and 128L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 128.

**Grading Status:** Letter grade.

 **IDST 129. Triple-I: Countering Hate. 3 Credits.**

Many of our cultural endeavors are aimed at overcoming the fears, suspicions, and misunderstandings that manifest as racism, misogyny, antisemitism, Islamophobia, homophobia, etc. In this class, we examine the cognitive and political roots of hatred as well as cultural efforts to overcome it through performance, literature, film, photography, and faith. We ask: How have artists and faith leaders addressed such animosity, and how can our practices of reading, viewing, listening, and scholarship counter hate?

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 129L.

**Grading Status:** Letter grade.

**IDST 129L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 129 and 129L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 129.

**Grading Status:** Letter grade.

**IDST 130. Triple-I: The Future of Food. 3 Credits.**

This course combines perspectives from science fiction studies, anthropology, public policy, and marine ecology to study the food we eat now and the food we might eat in the future. We will explore how our love of and need for food influences our social and political structures, trade and conflict among cultures, and our relationship with our planet. Using fiction, films, and research we will examine (future) food technologies, policies, sustainability, and eating practices.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 130L.

**Grading Status:** Letter grade.

**IDST 130L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 130 and 130L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 130.

**Grading Status:** Letter grade.

**IDST 132. Triple-I: Science for Hyperpartisan Times. 3 Credits.**

This course aims to help students navigate the messy intersection of science, policy, and politics by teaching how the substance, history, presentation, and interpretation of science influence our understandings of the world. Students will: 1) analyze public discourse and debate about science, 2) consider how philosophies, data, and interpretations are created, delivered, and received, and 3) discuss how these factors - alongside partisan politics and bias from both sides of the aisle - influence science.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 132L.

**Grading Status:** Letter grade.

**IDST 132L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 132 and 132L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 132.

**Grading Status:** Letter grade.

**IDST 133. Triple-I: How to Not Be Fooled - Or Fool Yourself. 3 Credits.**

How do you avoid being fooled by bogus claims? In this class, we examine climate change and the age of Earth and the universe - two topics where our underlying beliefs push us toward conclusions that conflict with the evidence. In addition to learning the science underlying these topics, we will learn the psychology of belief systems, why our brains reject some information, and how to deal with uncertainty, recognize logical fallacies, and examine claims.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 133L.

**Grading Status:** Letter grade.

**IDST 133L. Data Literacy Lab. 1 Credits.**

This course teaches students the basics of working with data: how to acquire it, store it, analyze it, visualize it, and disseminate and interpret information about it, and how to do all of this in a responsible and ethical way. We will discuss the methods and tools that researchers use to accomplish all of these steps in working with data. Students must register for both IDST 133 and 133L in the same semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 133.

**Grading Status:** Letter grade.

**IDST 180. First-Generation College Students in Higher Education. 1 Credits.**

First-generation college students will have the opportunity to explore their first-generation identity and start to define what it means for them to be a scholar and citizen leader. The course will introduce scholars to educational research on the first-generation college student experience and allow scholars the opportunity to reflect on their own experience and salient identities in the college environment. Education equity and diversity in higher education will be addressed through course readings and activities.

**Rules & Requirements**

**Grading Status:** Letter grade.

**IDST 190. Triple-I: Special Topics. 3 Credits.**

This is a Triple-I special topics course. Content varies each semester.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-TRIPLE.

**Requisites:** Corequisite, IDST 190L.

**Grading Status:** Letter grade.

**IDST 190L. Special Topics in Interdisciplinary Studies Lab. 1 Credits.**

Special topics course. Content varies each semester.

**Rules & Requirements**

**Requisites:** Corequisite, IDST 116, 118, 119, or 190.

**Grading Status:** Letter grade.

**IDST 195. Undergraduate Research Consulting Team. 1 Credits.**

A mentored research course for students participating in an undergraduate research consulting team under the supervision of a faculty advisor. Requires participation in research and a report/presentation.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**IDST 197. Research with the American South. 1 Credits.**

A seminar designed to introduce Southern Futures Fellows to research and creative discovery with the American South, with a focus on the arts and humanities. Course includes guest lectures, site visits, and assignments that will help Fellows develop their summer research, creative discovery, or service project. Priority enrollment for Southern Futures Fellows. Students interested in pursuing undergraduate research with the American South, particularly in the Arts and Humanities, are encouraged to take course, space permitting.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**IDST 198. Research beyond Academia. 1 Credits.**

Researchers from the Triangle region and beyond will discuss their research to provide students with exposure to research opportunities and careers outside academia. This course meets a requirement for the Carolina Research Scholars Program.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**IDST 199. Modes of Inquiry. 1 Credits.**

A seminar in which faculty discuss their own work. Students will learn how topics are defined and investigated and how undergraduates can engage in discovery. Pass/Fail only.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**IDST 201. Increasing Diversity in STEM Research. 1 Credits.**

Required of Chancellor's Science Scholars and open to others by permission of the instructor. The course will explore the broad range of STEM research available at UNC-Chapel Hill, and will address issues of developing more diversity in the STEM research workforce nationwide. Permission of the instructor to add and drop this course.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Pass/Fail.

**IDST 290. Special Topics in Interdisciplinary Studies. 1-3 Credits.**

Special topics course. Content varies each semester.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

 **IDST 293. Global Tech Experience. 6 Credits.**

The Global Tech Experience is a virtual experiential learning program that enables undergraduate students from all backgrounds to build career-focused intercultural and technical skills. A learning contract is required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** .

**Making Connections Gen Ed:** EE.

**Grading Status:** Pass/Fail.

**IDST 396. Independent Study. 1-3 Credits.**

Independent project to be arranged with an instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****IDST 496. Independent Study. 1-6 Credits.**

Permission of the department. Special reading and research for graduate and undergraduate students on a specific interdisciplinary topic under the direction of a faculty member.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **IDST 691H. Senior Honors Thesis. 3 Credits.**

Permission of the instructor. Required of all senior honors candidates.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **IDST 692H. Senior Honors Thesis. 3 Credits.**

Permission of the instructor. Second semester of senior honors thesis; required of all senior honors candidates.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**Contact Information****Interdisciplinary Studies**

Visit Program Website (<http://curricula.unc.edu/students/interdisciplinary-studies/>)

3018A Steele Building, CB# 3504

**Program Director**

Meredith Petschauer

[mbusby@email.unc.edu](mailto:mbusby@email.unc.edu)

**Interdisciplinary Studies Major, B.A.**

The interdisciplinary studies major, designed by the student and the student's faculty advisor, is intended for students who wish to develop a major different from those already offered by the departments and curricula belonging to the College of Arts and Sciences.

An IDST major has more focus than many of the more traditional majors and therefore should not be seen as a default major for someone undecided about his or her course of study. The IDST major must be well conceived and substantially different from majors that students pursue through traditional departments, schools, and curricula. Students must have a grade point average of at least 3.0 and at least 45 hours left before graduation so that they can complete the major in their time left. All IDST students must identify a faculty advisor who, in the absence of a department and a director of undergraduate studies, will serve as their mentor on course selections, career planning, graduate work, and advanced study. Students are strongly encouraged to meet all of the General Education Foundations and Approaches requirements before pursuing the interdisciplinary studies major.

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Eight courses chosen from at least three departments and which must be appropriate for juniors and seniors majoring in those departments. <sup>1, 2</sup>		24
<b>Total Hours</b>		<b>24</b>

<sup>1</sup> A maximum of four courses from any one department

<sup>2</sup> With the permission of the relevant professional school, a student may use up to 12 hours of professional courses (e.g., in business administration, media and journalism, information and library science, public health, education) in the IDST major. This can be advantageous to students who want some concentration in these areas but who also want a degree in arts and sciences.

The courses should form a coherent major to which the student is able to assign a title. Additionally, students are encouraged to select electives and General Education courses that complement the eight courses chosen for the major.

## Special Opportunities in Interdisciplinary Studies

Qualified students may pursue honors through one of the departments or curricula included in their major core. IDST students may participate in the undergraduate research opportunities available in the departments and curricula that constitute their program of study; they sometimes complete an internship either in the summer or during the academic year, and an honors thesis in their senior year.

## Contact Information

### Interdisciplinary Studies

Visit Program Website (<http://curricula.unc.edu/students/interdisciplinary-studies/>)

3018A Steele Building, CB# 3504

### Program Director

Meredith Petschauer

[mbusby@email.unc.edu](mailto:mbusby@email.unc.edu)

## Curriculum in Latin American Studies

### Introduction

The three main goals of the Curriculum in Latin American Studies are

- to develop students' basic knowledge and comprehension of key themes in Latin American and Caribbean history, cultures, and contemporary social, economic, and political issues;
- to develop students' abilities to think critically, in an interdisciplinary manner, about Latin American and Caribbean issues, past and present, and to locate them within broader global perspectives;
- to develop students' proficiency in Spanish or Portuguese and other languages of the region as needed, as part of their program of study.

### Advising

All majors have a primary academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies (DUS) works with current and prospective majors by appointment. Majors are expected to meet with the LTAM DUS once a semester and to attend at least one meeting of the LTAM majors a year. Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research and internship funding opportunities, and the honors program may be obtained through the Curriculum in Latin American Studies web page (<http://isa.unc.edu>) or by contacting the director of undergraduate studies (see contacts tab above).

### Graduate School and Career Opportunities

The Curriculum in Latin American Studies provides advice for students interested in pursuing graduate school and career opportunities in Latin America or the Caribbean. Please contact the director of undergraduate studies for an appointment. The Curriculum in Latin American Studies participates in a five-year cooperative B.A.–M.A. program with the Center for Latin American Studies at Georgetown University. The agreement allows qualified Latin American studies majors to earn an M.A. in Latin American studies from Georgetown in a year and a summer rather than the normal three to four semesters. For details on the cooperative degree program (<http://isa.unc.edu/academics/undergraduate/>) contact the director of undergraduate studies.

### Major

- Latin American Studies Major, B.A. (p. 672)


### Affiliated Faculty

Juan Alamo (Music), Javier Arce Nazario (Geography), Florence Babb (Anthropology), Clare Barrington (Health Behavior), Brandon Bayne (Religious Studies), Maya Berry (African, African American, and


Diaspora Studies), Brian Billman (Anthropology), Richard Bilsborrow (Biostatistics), Teresa Chapa (Latin American and Iberian Resources Bibliographer), Rudolf Colloredo-Mansfeld (Anthropology), Paul Cuadros (Media and Journalism), Eduardo Douglas (Art), Bruno Estigarribia (Romance Studies), Oswaldo Estrada (Romance Studies), David García (Music), Juan Carlos González-Espitia (Romance Studies), Jonathan Hartlyn (Political Science), Evelyne Huber (Political Science), Miguel LaSerna (History), Nina Martin (Geography), Cecilia Martínez-Gallardo (Political Science), Patricia McAnany (Anthropology), David Mora-Marín (Linguistics), Raúl Necochea (Social Medicine), Todd Ochoa (Religious Studies), Caela O'Connell (Anthropology), Rosa Perelmuter (Romance Studies), Louis A. Pérez Jr. (History), Krista Perreira (Social Medicine), Cynthia Radding (History), Alicia Rivero (Romance Studies), Diego Riveros-Iregui (Geography), Petal Samuel (African, African American, and Diaspora Studies), Tanya Shields (Women's and Gender Studies), Ana María Silva (History), Karla Slocum (Anthropology), Angela Stuesse (Anthropology), Amanda Thompson (Anthropology), Brendan Jamal Thornton (Religious Studies), Gabriela Valdivia (Geography), Richard Vernon (Romance Studies), Adam Versényi (Dramatic Art), Ariana Vigil (Women's and Gender Studies), Deborah Weissman (Law), Deshira Wallace (Global Public Health), Lyneise Williams (Art).

## LTAM—Latin American Studies

### Undergraduate-level Courses

 **LTAM 89. First-Year Seminar: Special Topics. 3 Credits.**  
Special topics course. Content will vary each semester.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

**LTAM 101. Introduction to Latin American Studies. 3 Credits.**  
A broad interdisciplinary introduction to the field of Latin American studies.

#### Rules & Requirements

**Making Connections Gen Ed:** BN, GL.  
**Grading Status:** Letter grade.

**LTAM 291. The Latino Experience in the United States. 3 Credits.**  
This is a reading and discussion seminar that will introduce students to topics in the history of Latinos in the United States from the 19th century to the present.

#### Rules & Requirements

**Making Connections Gen Ed:** HS, US.  
**Grading Status:** Letter grade.

**LTAM 314. Law and Society in Latin America. 3 Credits.**  
This course considers how a wide variety of groups in Latin America including indigenous people, Afro-descendant communities, women and religious minorities used the law to shape and challenge larger structures of imperial rule.

#### Rules & Requirements

**Making Connections Gen Ed:** HS, BN.  
**Grading Status:** Letter grade.  
**Same as:** HIST 314.

#### LTAM 350. The United States and Latin America. 3 Credits.

A thematic examination of US-Latin America relations spanning the 19th century to the present through multi-disciplinary perspectives and inter-disciplinary methodologies, including popular culture, film, original documents, and social science scholarship. To explore the evolving US-Latin America "relationship," the ways in which North Americans and Latin Americans came to know each other, through frequent encounters and close engagement, not only as a matter of government-to-government and state-to-state relations but also as people-to-people contacts and culture-to-culture exchanges.

#### Rules & Requirements

**Making Connections Gen Ed:** BN, GL.  
**Grading Status:** Letter grade.

#### LTAM 390. Special Topics in Latin American Studies. 3 Credits.

##### Rules & Requirements

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.  
**Grading Status:** Letter grade.

#### LTAM 396. Independent Study. 1-3 Credits.

Independent project to be arranged with an instructor.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.  
**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

#### LTAM 401. Guanajuato Service Learning. 1 Credits.

This course uses experiential education to explore how Mexicans are building opportunities in migratory communities in the transnational city of Guanajuato. This one-credit course is open to students participating in the UNC Study Abroad Program at the University of Guanajuato, Mexico. Students submit a final paper.


#### Rules & Requirements

**Grading Status:** Pass/Fail.

#### LTAM 402. Heritage and Migration in North Carolina. 3 Credits.

This course combines field research, oral history, and service learning to understand the immigration and settlement of Mexican and Latin American heritage communities in North Carolina. The course will address the ethical and practical aspects of the ethnographic method including the preparation, transaction and transcription of oral history interviews. Students will participate in a digital archive initiative and complete independent original research. Open to juniors and seniors and graduate students.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL, RESEARCH.  
**Grading Status:** Letter grade.

#### LTAM 411. Summer Intensive Introductory Course in Yucatec Maya. 6 Credits.

A three-part intensive introduction to spoken and written modern Yucatec Maya, including classroom instruction; culture, history, and linguistics workshops; and a four-week field study in Yucatán, Mexico.

#### Rules & Requirements

**Grading Status:** Letter grade.

**LTAM 512. Summer Intensive Continuing Course in Yucatec Maya. 6 Credits.**

Continuing instruction in spoken and written Yucatec Maya. Classroom instruction; culture, history, and linguistics workshops; and field study. Taught in Yucatán, Mexico.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisite, LTAM 411; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**LTAM 690. Seminar in Latin American Issues. 3 Credits.**

Special topics course. Content will vary each semester.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **LTAM 691H. Honors in Latin American Studies. 3 Credits.**

Directed independent research leading to the preparation of an honors thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **LTAM 692H. Honors in Latin American Studies. 3 Credits.**

Completion of the honors thesis and an oral examination of the thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**LTAM 697. Capstone Seminar. 3 Credits.**

Interdisciplinary core seminar required of Latin American studies majors and open to other students. Topics vary by semester.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, CI.

**Grading Status:** Letter grade.

## Contact Information

**Curriculum in Latin American Studies**

Visit Program Website (<http://isa.unc.edu>)  
FedEx Global Education Center, CB# 3205  
(919) 962-2418

**Chair**

Louis A. Pérez

**Director of Undergraduate Studies**

Beatriz Riefkohl-Muñiz  
riefkohl@email.unc.edu

## Latin American Studies Major, B.A.

The five main goals of the Curriculum in Latin American Studies are

1. to enhance students' knowledge of a world region of vital importance to the national interest of the United States;

2. to encourage the development of Carolina students as global citizens;
3. to promote critical language competencies and cultural skills as a way to prepare students to succeed in public and private sector careers;
4. for students to acquire multi-disciplinary forms of knowledge as a way to understand the array of forces that have shaped modern Latin America;
5. to foster an understanding of the historical and cultural origins of the Latin American communities in the United States.

## Student Learning Outcomes

Upon completion of the Latin American studies program, students should be able to:

- Demonstrate knowledge of the political, geographical, and social complexities of the region
- Demonstrate knowledge of the historical and cultural complexities of the region
- Demonstrate proficiency in Spanish or Portuguese (or other language(s) of the region if approved)
- Demonstrate an interdisciplinary grasp of Latin American literatures, arts, and ideas
- Apply basic research methods and skills and synthesize and evaluate scholarly research
- Gain admission to graduate programs or apply knowledge and skills learned in relevant careers

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements (10 courses)</b>		
LTAM 101	Introduction to Latin American Studies (recommended) <sup>1</sup>	
LTAM 697	Capstone Seminar (required) <sup>1</sup>	
Four courses required in the declared primary sequence		12
Two courses in each of the other three sequences		18
<b>Additional Requirements</b>		
Spanish or Portuguese at least through the fifth-semester course <sup>2</sup>		6
<b>Total Hours</b>		<b>36</b>

<sup>1</sup> both courses may count in any sequence.

<sup>2</sup> The first three levels of Spanish or Portuguese may count toward the General Education Foundations requirements and have not been included as additional hours for the major.



The Curriculum in Latin American Studies is divided into two concentrations: humanities and social sciences. These concentrations are further divided into sequences: humanities, into history and culture-literature sequences; social sciences, into journalism-political science and anthropology-economics-geography sequences. To ensure depth in a single discipline of Latin American and Caribbean studies, four of the 10 courses required for the major must be selected from one of the sequences. To ensure breadth of exposure to other areas of Latin American and Caribbean studies, two courses must be selected from each of the other three sequences.





Listed below are the most commonly offered courses in each sequence. Please note that not all the courses on Latin American and Caribbean topics are listed here, and many other courses may satisfy the major requirements. Special topics courses, first-year seminars, undergraduate seminars, independent studies, and capstone courses taught by Latin Americanist and Caribbeanist faculty members on Latin American and Caribbean topics also may count.



### Humanities Concentration—History Sequence

Code	Title	Hours
AAAD 260	Blacks in Latin America	3
AAAD 385	Emancipation in the New World	3
HIST 142	 Latin America under Colonial Rule	3
HIST 143	 Latin America since Independence	3
HIST 240	 Introduction to Mexico: A Nation in Four Revolutions	3
HIST 241	History of Latinos in the United States	3
HIST 242	 United States-Latin American Relations	3
HIST 248	Guerrillas and Counterinsurgencies in Latin America	3
HIST 278	 The Trans-Atlantic Slave Trade <sup>H</sup>	3
HIST 315	 Nation-Building in Latin America <sup>H</sup>	3
HIST 531	History of the Caribbean	3
HIST 532	History of Cuba	3
HIST 534	Slavery and the US Civil War <sup>H</sup>	3
HIST/WGST 280	 Women and Gender in Latin American History	3
LTAM 291	The Latino Experience in the United States	3
LTAM 314	Law and Society in Latin America	3
LTAM 350	The United States and Latin America	3



<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Humanities Concentration—Culture-Literature Sequence







Code	Title	Hours
PORT 310	 Advanced Communication in Portuguese: Media & Entertainment	3
PORT 323	 Advanced Communication in Portuguese: History, Nature, and Society	3
PORT 370	 Modern Brazil through Literature and Film in Translation	3
PORT 375	 Portuguese and Brazilian Fiction in Translation	3

PORT 382	 Women Writers: Brazil and Beyond	3
PORT 388	 Portuguese, Brazilian, and African Identity in Film	3
PORT 535	Brazilian Drama	3

### Spanish




Code	Title	Hours
SPAN 270	Contemporary Spanish American Prose Fiction in Translation	3
SPAN 344	Latin@ American Cultural Topics	3
SPAN 361	 Hispanic Film	3
SPAN 373	 Studies in Latin American Literature	3
SPAN 374	Mesoamerica through Its Native Literatures	3
SPAN 381	Studies in Spanish and Spanish American Poetry	3
SPAN 385	Contemporary Spanish American Prose Fiction	3
SPAN 387	Eroticism in Contemporary Latin American Literature	3
SPAN 389	Outside Cuba: Diasporic Literature and Culture	3
SPAN 613	Colonial and 19th-Century Spanish American Literature	3
SPAN 614	Modernist and Contemporary Spanish American Literature	3
SPAN 625	Indigenous Literatures and Cultures of the Américas	3
SPAN/WGST 620	Women in Hispanic Literature	3

### Other Courses

Code	Title	Hours
ARTH 160	 Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3
ARTH 267	 Latin American Modernisms	3
ARTH 277	 Art and Architecture of Viceregal Latin America	3
CMPL 133	Great Books II: Imaging the Americas from the Late 18th Century to the Present	3
DRAM 288	 Theatre for Social Change	3
DRAM 486	 Latin American Theatre	3
ENGL 685	 Literature of the Americas	3
LING 558	 Ancient Mayan Hieroglyphs	3
LING 560	Mesoamerican Languages and Linguistics	3
LING 561	Native Languages of the Americas	3
LTAM 411	Summer Intensive Introductory Course in Yucatec Maya	6
LTAM 512	Summer Intensive Continuing Course in Yucatec Maya	6
MAYA 401	Introduction to Yucatec Maya	3
MUSC 147	 Introduction to the Music of the Américas	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.





## Social Sciences Concentration–Journalism-Political Science Sequence

Code	Title	Hours
MEJO 443	Latino Media Studies	3
MEJO 446	 Global Communication and Comparative Journalism	3
MEJO 490	Special Topics in Mass Communication <sup>H</sup>	1-3
PLCY 349	Immigration Policy in the 21st Century	3
POLI 231	Latin America and the United States in World Politics	3
POLI 238	 Politics of the Global South: Latin America <sup>H</sup>	3
POLI 434	Politics of Mexico	3
POLI 435	 Democracy and Development in Latin America <sup>H</sup>	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.




## Social Sciences Concentration–Anthropology-Economics-Geography Sequence

### Anthropology



Code	Title	Hours
ANTH 142	 Local Cultures, Global Forces <sup>H</sup>	3
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America	3
ANTH 232	 Ancestral Maya Civilizations <sup>H</sup>	3
ANTH 320	Anthropology of Development	3
ANTH 360	Latin American Economy and Society	3
ANTH 439	 Political Ecology	3
ANTH 453	Field School in South American Archaeology <sup>H</sup>	6
ANTH/FOLK 130	Anthropology of the Caribbean	3


<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Economics

Code	Title	Hours
ECON 450	Health Economics: Problems and Policy	3
ECON 465	 Economic Development	3
ECON 560	 Advanced International Economics	3
ECON/EURO/ PWAD 460	 International Economics	3

### Geography

Code	Title	Hours
GEOG 130	 Development and Inequality: Global Perspectives <sup>F</sup>	3
GEOG 259	 Society and Environment in Latin America	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3

GEOG 452	Mobile Geographies: The Political Economy of Migration	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

### Other Courses

Code	Title	Hours
AAAD 260	Blacks in Latin America	3
AAAD 460	 Race, Culture, and Politics in Brazil	3
ANTH/LING 303	Native Languages of the Americas	3
LTAM 411	Summer Intensive Introductory Course in Yucatec Maya	6
LTAM 512	Summer Intensive Continuing Course in Yucatec Maya	6
RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Additional Requirements

Majors are encouraged to work toward proficiency in both Spanish and Portuguese. Language across the curriculum (<http://isa.unc.edu/language-programs/language-across-the-curriculum/>) (LAC) courses allow students to use their Spanish or Portuguese in select courses. Students taking LAC courses with Spanish or Portuguese recitation sections may receive one hour of additional credit by enrolling in SPAN 308.

All General Education requirements apply. First- and second-year students are strongly encouraged to enroll in LTAM 101, an interdisciplinary introductory course offered each year, usually in the fall.

The following courses are recommended for fulfilling General Education requirements for students interested in majoring in Latin American studies:

### Global Language

Spanish or Portuguese should be used to satisfy the global language requirement. The global language 1 through 4 sequence (PORT 101, PORT 102, PORT 203, and PORT 204 or SPAN 101, SPAN 102, SPAN 203, and SPAN 204) may be completed in two semesters by enrolling in intensive courses (PORT 111 and PORT 212, or SPAN 111 and SPAN 212).

## Special Opportunities in Latin American Studies

### Honors in Latin American Studies

Latin American studies majors with an overall grade point average of 3.3 are invited to pursue a degree with honors by writing an honors thesis during the senior year. Each honors thesis is written under the direction of an appropriate faculty advisor; when completed, the thesis must be defended orally before an examining board of faculty members. Honors candidates enroll in the two honors courses (LTAM 691H and LTAM 692H). LTAM 691H counts as a course in the student's concentration.

### Experiential Education

Students who are committed to field experience or experiential education in Latin America may be able to arrange for this through independent study credit. Students wishing to do so should have the academic support of a regular faculty member and contact the institute's associate director well in advance of the semester in which the experience is to take place.

### Intensive Yucatec Maya

Each summer the Consortium in Latin American and Caribbean Studies at the University of North Carolina and Duke University offers intensive instruction in modern Yucatec Maya, with a secondary focus on ancient, colonial, and modern Maya culture. The courses include classroom instruction in Chapel Hill (LTAM 411) or in Mérida, Mexico (LTAM 512 and LTAM 690), and a field study experience in Yucatán, Mexico. See the Maya program (<http://isa.unc.edu/language-programs/yucatec-maya-institute/>) website for current course information.

### Independent Study

Any student may enroll in independent study (LTAM 396) with the permission of the curriculum faculty advisor and the agreement of a Latin American or Caribbean studies faculty member who will supervise the student's independent study project. This course may be used to fulfill the requirements of the major, and it is often linked to internships or to undergraduate grants for summer research travel.

### Study Abroad

Study abroad is not a requirement of the major; however, living and studying in Latin America or the Caribbean is highly recommended as an experience that majors should consider. The UNC–Chapel Hill Study Abroad Office offers a broad range of programs in Latin America and the Caribbean. Visit the Study Abroad Office website (<http://studyabroad.unc.edu>). ISA and the Study Abroad Office offer competitive scholarships for majors wishing to undertake study in Latin America and the Caribbean.

### Undergraduate Awards

Each year the Latin American Studies major offers funding opportunities (<https://isa.unc.edu/undergraduate-funding/>) for students conducting research or studying abroad in Latin America or the Caribbean. These include the Julia Crane, Halpern, and Mellon Awards. The Federico Gil award recognizes the best undergraduate honors thesis written on a Latin American or Caribbean topic. The LTAM Major Book Fund provides funding to defray the costs for required textbooks in Latin American-content courses. Contact the director of undergraduate studies for information.

## Undergraduate Research

Latin American Studies majors are eligible to develop independent and/or senior thesis projects. A small number of grants are available for undergraduate field research related to Latin America or the Caribbean.

## Contact Information

### Curriculum in Latin American Studies

Visit Program Website (<http://isa.unc.edu>)  
FedEx Global Education Center, CB# 3205  
(919) 962-2418

### Chair

Louis A. Pérez

### Director of Undergraduate Studies

Beatriz Riefkohl-Muñiz  
[riefkohl@email.unc.edu](mailto:riefkohl@email.unc.edu)

## Department of Linguistics

### Introduction

Courses in the department are offered for the general student and for those who wish to receive the bachelor of arts with a major in linguistics. Courses in linguistics are intended to open up systematic perspectives on the nature of human language by means of detailed studies of language structure, language change and language acquisition, the sound system of language, and the syntactic/semantic system of language. The major is designed to provide a fundamental understanding of modern linguistics for the student seeking a general education in the liberal arts as well as for the student preparing for graduate study.

### Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors and minors by appointment. Departmental academic advising is particularly important for those majors who are considering going on to graduate school or who are considering the dual B.A.–M.A. program.

## Graduate School and Career Opportunities

The Department of Linguistics offers an M.A. program with opportunities for specialization in a number of subareas, and to obtain a certificate in computational linguistics. Detailed information is available from the department website (<https://linguistics.unc.edu/>). Additionally, more than 100 colleges and universities offer linguistics programs, including several dozen that are considered major doctoral programs nationally. Faculty members are pleased to advise students regarding programs best suited to their needs and interests.

In general, the linguistics major is good preparation for a number of career paths because it develops problem solving, the ability to find patterns in complicated data, and writing and argumentation skills. Law and journalism schools and other professional schools are becoming increasingly aware that students with a major in linguistics have strengths in these important areas. Companies in the tech industry often hire linguists to solve problems relating to the development of software for speech-to-text, text-to-speech, and natural language processing and

generation. United States citizens with a background in linguistics also may find jobs with United States government agencies.

Some students choose to continue specializing in linguistics teaching or research. For this, they typically need to obtain a graduate degree in linguistics. Other possible careers for linguistics majors that have a close connection to language and linguistics include language teaching, speech pathology/speech and hearing science, language and information technologies (including speech synthesis and recognition, text-content analysis, and machine translation), information and library science, or editing and publishing; some careers in these areas may require a graduate degree.

### Major

- Linguistics Major, B.A. (p. 684)

### Minor

- Linguistics Minor (p. 685)

### Graduate Programs

- M.A. in Linguistics (<http://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- M.A. in Linguistics–Ph.D. in Romance Languages and Literatures (Hispanic Linguistics) (<http://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- Graduate Certificate in Computational Linguistics (<https://linguistics.unc.edu/graduate-program/computational-linguistics-certificate/>)

## Professors

Misha Becker, Elliott Moreton, Paul Roberge, Jennifer Smith, David Mora-Marín.

## Associate Professors

Katya Pertsova, J. Michael Terry.

## Assistant Professor

Brian Hsu.

## Teaching Assistant Professor

Caitlin Smith.

## Adjunct Faculty

Becky Butler (Carolina Asia Center), Benjamin Frey (American Studies), Jim Michnowicz (NCSU), Jeff Mielke (NCSU), Jeff Reaser (NCSU), Erik Thomas (NCSU).

## Linguists and Language Scholars in Other Departments

Jennifer Arnold (Psychology and Neuroscience), Mohit Bansal (Computer Science), Uffe Bergeton (Asian Studies), Lucia Binotti (Romance Studies), Bruno Estigarribia (Romance Studies), Nina Furry (Romance Studies), Peter C. Gordon (Psychology and Neuroscience), Lamar Graham (Romance Studies), Thomas Hofweber (Philosophy), Joseph Lam (Religious Studies), Wendan Li (Asian Studies), Patrick O'Neill (English and Comparative Literature), Jim Pryor (Philosophy), Martha Ruiz-Garcia


(Romance Studies), Patricia E. Sawin (American Studies), Khalid Shahu (Asian Studies).

## Professors Emeriti

Randall Hendrick, H. Craig Melchert.

## LING–Linguistics

### Undergraduate-level Courses

 **LING 60. First-Year Seminar: How Reading Works: Language, Cognition, and Literacy. 3 Credits.**

How do we go from looking at symbols on a page or screen to understanding the writer's message? How do children learn to read, and what ways of teaching reading best promote success for all students? We will explore these questions through analysis of language and writing structure and discussion of research data. Your final project will address a real-world question about reading, literacy, or reading education from the perspective of language and cognition.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, RESEARCH.

**Grading Status:** Letter grade.

 **LING 70. First-Year Seminar: Language in the U.S.A. 3 Credits.**

The linguistic landscape of the United States in historical and contemporary perspective: American English dialects, language maintenance and shift among Native American and immigrant groups, language politics and policy.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** AMST 70.

 **LING 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **LING 101. Introduction to Language. 3 Credits.**

Introduction to the formal analysis of human language, including sounds, words, sentences, and language meaning, plus child language acquisition, language change over time, social attitudes toward language, and similarities and differences among languages. Other topics may include writing systems, animal communication, and language analysis by computers. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-NATSCI.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**LING 138. Linguistic Anthropology. 3 Credits.**

An introduction to linguistic anthropology and anthropological linguistics. The course approaches the complex interconnections between language, culture, and cognition; theoretical approaches employed during the past century (structuralism, functionalism, ethnoscience, universalism, linguistic relativity); common case studies (spatial language, colors, classifiers, deixis); verbal art (orality, literacy), linguistic ideology; and ethnolinguistic vitality.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ANTH 138.

**LING 145. Language, Communication, and Human and Animal Minds. 3 Credits.**

An examination of the differences between natural human languages and other communication systems. Includes a philosophical inquiry into how languages relate to the world and the mind. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**Same as:** PHIL 145.

**LING 165. Exploring the World's Languages. 3 Credits.**

Students develop an understanding of and appreciation for the diverse range of human languages across the planet, as well as the uniformity that underlies them. Topics include history, classification, and linguistic properties of the world's languages. May substitute for LING 101 with department permission.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**LING 200. Phonology. 3 Credits.**

Description and analysis of sound systems of languages around the world. Introduction to formal phonological models, argumentation, and hypothesis testing. Students may not receive credit for both LING 200 and LING 523.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 201. Syntax. 3 Credits.**

Introduction to the representational units and computational principles that underlie word order patterns in language. The course covers key discoveries and theories of generative approaches to syntax, in which grammars consist of formally defined rules and operations that generate grammatical sentences. Students may not receive credit for both LING 201 and LING 530.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 202. Linguistic Variation and Language Change. 3 Credits.**

Introduction to the analysis and description of language change, relationships among languages, and types of linguistic structure. Students may not receive credit for both LING 202 and LING 525.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 203. Language Acquisition and Development. 3 Credits.**

Provides an introduction to first-language acquisition, focusing on the acquisition of phonology, morphology, syntax, and semantics, as well as on the social context of language acquisition and issues of atypical language development. Students may not receive credit for both LING 203 and LING 528.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 225. Busting Language Myths. 3 Credits.**

"Women talk more than men! Texting means the end of literacy! The language you speak limits the thoughts you can think!" We often hear claims like these, but are they true? And what kind of information would show us the answer? This course examines current debates about language while developing skills in reading and interpreting research results, media reports, basic statistics, and data graphics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Grading Status:** Letter grade.

**LING 230. Constructed Languages: Theory and Typology. 3 Credits.**

This course explores linguistic properties of constructed languages (conlangs). The course examines philosophical and creative motivations behind existing conlangs, and how their grammatical properties relate to those of natural languages. Students will explore and apply creative and analytical procedures used to create constructed language grammars.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 260. Languages of Southeast Asia. 3 Credits.**

This course surveys languages spoken in Southeast Asia, an area rich in linguistic diversity, which is home to more than five distinct language families and well over 1,000 individual languages. Students will investigate the languages—in situ and in the diaspora—through the lens of descriptive linguistics, and will explore the social, cultural, and political aspects of languages in the region. This course is appropriate for students with an interest in linguistics or in Southeast Asia.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 260.

**LING 290. Special Topics in Linguistics. 3 Credits.**

In-depth treatment of a selected issue or topic in linguistics. Topic will vary with the instructor. Course may be taken more than once when the topic varies.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**LING 302. Language and Power. 3 Credits.**

This course provides an overview of language and power studies. Issues: sexist and sex-neutral language; languages of subcultures defined by gender, sexual orientation, ethnicity; hate speech; "politically correct" language.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**Same as:** ANTH 302, WGST 302.

**LING 303. Native Languages of the Americas. 3 Credits.**

This course is an introduction to languages indigenous to the Americas. The course touches on the linguistic structure and classification of Native American languages as well as on social issues.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ANTH 303.

**LING 304. Introduction to Discourse. 3 Credits.**

Focuses on the use of linguistic forms to express communicative intentions. How language is used for the purposes of persuasion, manipulation, irony, humor, poetry, propaganda, and attitudes.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 305. Race against Time: Language Revitalization. 3 Credits.**

Students are introduced to the causes and contexts of language endangerment and the complex process of language revitalization. Topics to be covered include assessment of endangerment level, language and thought, language attitudes, bilingual education, and language planning. We will also consider a number of case studies of endangered languages.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 333. Human Language and Animal Communication Systems. 3 Credits.**

Comparative study of human language alongside selected non-human communication systems. Anatomy, acoustics, combinatorial structure, innateness and acquisition, evolution. Sizable lab and field component.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** SS, QI.

**Grading Status:** Letter grade.

**LING 335. Structure of African American English. 3 Credits.**

This course treats the structural properties of African American English. Students will learn to use sentence data to test hypotheses about language structure by investigating the phonology, syntax and semantics of African American English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**Same as:** AAAD 335.

**LING 360. Introduction to Hispanic Linguistics. 3 Credits.**

Introduction to the linguistic study of sound, meaning, grammatical form, dialectal and sociolinguistic variation, with a particular focus on modern Spanish and the languages of Spain and Latin America. Previously offered as SPAN/LING 377.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, BN, GL, FL.

**Requisites:** Prerequisite, SPAN 300 or SPAN 301; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** SPAN 360.

**LING 376. Spanish Phonetics and Phonology. 3 Credits.**

Introduction to the description of sound systems with a focus on Spanish. Includes the study of the historical development of Spanish and its areal and social variation in Spain, Latin America, and the United States.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, BN, GL, FL.

**Requisites:** Prerequisite, SPAN 300 or SPAN 301; permission from the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** SPAN 376.

**LING 383. Linguistic Structuralism: Sources and Influences. 3 Credits.**

Linguistic structuralism as a background for modern theories of language.

**Rules & Requirements**

**Grading Status:** Letter grade.

**LING 395. Group Mentored Research. 1-3 Credits.**

Permission of instructor. Students gain first-hand experience conducting research as part of a research group working together on a single project under the advisement of a faculty member. Topics will vary.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**LING 397. Undergraduate Seminar in Language and Linguistics. 3 Credits.**

Seminar on a previously announced topic.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 360 or 376.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**Same as:** SPAN 397.

**Advanced Undergraduate and Graduate-level Courses****LING 401. Language and Computers. 3 Credits.**

Uses simple linguistic problems to introduce students to the use of programming languages especially suited to analyze and process natural language on the computer. No prior programming knowledge is presupposed.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT, FC-LAB.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 409. Cognitive Linguistics. 3 Credits.**

Development of and present state of research in cognitive linguistics. Readings discuss various language phenomena and are drawn from linguistics, psychology, philosophy, artificial intelligence, and literary analysis of metaphor.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**LING 410. Advanced Philosophy of Language. 3 Credits.**

At least two courses in philosophy other than PHIL 155, including PHIL 345, strongly recommended. A study of important contemporary contributions in philosophy of language. Topics include meaning, reference, and truth.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** PHIL 445, LING 445.

**LING 422. Research Methods in Phonetics and Laboratory Phonology. 3 Credits.**

Focuses on the practical skills required to carry out basic experiments in speech production or perception. Includes training in a general-purpose programming language (such as Perl) for automating repetitive tasks, experiment-control software, audio stimulus manufacture and editing, palatography, aerodynamic measurements, and other laboratory techniques relevant to student interests.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 200, 520, 523, or SPHS 540.

**Grading Status:** Letter grade.

**LING 427. Morphology. 3 Credits.**

Cross-linguistic investigation of internal word structure: inflection and derivation, word formation rules versus affixation, autosegmental morphology, morpholexical and morphophonemic rules, and the interaction of morphology with phonology and syntax. Previously offered as LING 527.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101 or 400.

**Grading Status:** Letter grade.

**LING 428. Bilingualism and Second-Language Acquisition. 3 Credits.**

This course covers theoretical issues in childhood simultaneous bilingualism, and child and adult second-language acquisition, under both naturalistic and classroom learning circumstances.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 444. Origin and Evolution of Human Language. 3 Credits.**

Recommended preparation, at least one higher-level core course in linguistics. Surveys current answers to such questions as, When and how did language first appear? What do other animal communication systems share with language? Do restricted linguistic systems (e. g., pidgins) preserve "fossils" of early human language?

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 445. Advanced Philosophy of Language. 3 Credits.**

At least two courses in philosophy other than PHIL 155, including PHIL 345, strongly recommended. A study of important contemporary contributions in philosophy of language. Topics include meaning, reference, and truth.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** PHIL 445, LING 410.

**LING 458. Writing Systems: Past, Present, Future, Fictional. 3 Credits.**

This course provides an introduction to the linguistic structure and historical development of the world's writing systems (e.g. Sumerian, Egyptian, Chinese, Greek, Semitic scripts, Indian abugidas, Olmec, Mayan, Incan), the methods for their decipherment and analysis, the cross-script generalizations that can be proposed through their comparative study, and the techniques for developing a new writing system for a previously unwritten language, as well as for inventing a language and writing system from scratch.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, WB.


**Requisites:** Prerequisite, LING 101; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **LING 460. Making Sense of Big Data: Textual Analysis with R. 3 Credits.**

The course covers methods for working with textual data (corpora, databases, etc.) that include data cleaning techniques, graphing, statistical analysis, web-scraping, and categorization models. Students will complete their own data project by the end of the course.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.  
**Grading Status:** Letter grade.

**LING 484. Discourse and Dialogue in Ethnographic Research. 3 Credits.**

Study of cultural variation in styles of speaking applied to collection of ethnographic data. Talk as responsive social action and its role in the constitution of ethnic and gender identities.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI, US.

**Grading Status:** Letter grade.

**Same as:** ANTH 484, FOLK 484.

**LING 490. Advanced Topics in Linguistics. 3 Credits.**

Directed readings on linguistic topics not covered in specific courses.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **LING 493. Internship in Linguistics. 3 Credits.**

Permission of instructor. This course allows students to integrate theoretical knowledge with practice through an internship experience in the field of linguistics. Students may work with businesses or organizations in the areas of computational linguistics, language documentation, education, publishing, or other related fields. Activities must be approved by faculty and supervised by a mentor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

 **LING 495. Individual Mentored Research. 1-3 Credits.**

Permission of instructor. Students carry out a research project of their own design under the direct supervision of a faculty mentor. This course is intended for advanced, motivated students who would like to pursue an in-depth research project within a single semester.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**LING 496. Independent Study in Linguistics. 1-3 Credits.**

LING 101 and additional coursework in linguistics strongly recommended. An intensive directed readings course or a mentored project; topic to be determined in consultation with the instructor. Permission of the director of undergraduate studies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

 **LING 503. Structure of American Sign Language. 3 Credits.**

Introduces the linguistic structures of American Sign Language, including phonology, morphology, and syntax. Also covers gesture/homesign, sign language acquisition and language transfer.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLOBL-LANG.

**Requisites:** Prerequisite, SPHS 402 or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

 **LING 520. Linguistic Phonetics. 3 Credits.**

Introduction to the general principles of linguistic phonetics; anatomy of vocal tract, physiology of speech production, universal phonetic theory. Practice in the recognition and transcription of speech sounds.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Grading Status:** Letter grade.

**Same as:** ANTH 520.

**LING 522. Experimental Phonetics and Laboratory Phonology. 3 Credits.**

This course relates linguistic theory to experimental findings. Students design and carry out experiments to test theoretical issues of current theoretical importance.

**Rules & Requirements**

**Requisites:** Prerequisites, LING 520, and 200 or 523.

**Grading Status:** Letter grade.

**LING 523. Phonological Theory I. 3 Credits.**

Permission of the instructor for undergraduates. Introduction to the principles of modern generative phonology. Methods and theory of phonological analysis. Students may not receive credit for both LING 200 and LING 523.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 520, or SPHS 530 or 540.

**Grading Status:** Letter grade.

**Same as:** ANTH 523.

**LING 524. Phonological Theory II. 3 Credits.**

Intermediate phonological theory and analysis.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 200 or 523.

**Grading Status:** Letter grade.



**LING 525. Introduction to Historical and Comparative Linguistics. 3 Credits.**

Permission of the instructor for undergraduates. Theories and methods of historical and comparative linguistics, with emphasis upon the Indo-European family. Students may not receive credit for both LING 202 and LING 525.

**Rules & Requirements**

**Grading Status:** Letter grade.

**LING 526. Second-Language Phonetics and Phonology. 3 Credits.**

Production, perception, and phonological patterns and processes in second-language learning and use. Effects of first-language transfer and universal linguistic factors. Seminar-style class based on primary literature.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 528. Language Acquisition I. 3 Credits.**

Permission of the instructor for undergraduates. One course in phonology or syntax recommended. Child language from a theoretical perspective. Topics include segmentation problems, acquisition of phonology, morphology and syntax, lexical acquisition, and language development in blind and deaf children and in bilinguals. Students may not receive credit for both LING 203 and LING 528.

**Rules & Requirements**

**Grading Status:** Letter grade.

**LING 529. Language Acquisition II. 3 Credits.**

This course focuses on the development of syntax in first-language acquisition in children. Topics will include parameter setting, null subjects, root infinitives, aspect, A-movement, binding theory, and control.

**Rules & Requirements**

**Requisites:** Prerequisites, LING 203 or 528, and LING 201 or 530.

**Grading Status:** Letter grade.

**LING 530. Syntactic Theory I. 3 Credits.**

Permission of the instructor for undergraduates. Methods and theory of grammatical analysis within the transformational generative framework. Special emphasis on analyzing syntactic and semantic structures of English. Students may not receive credit for both LING 201 and LING 530.

**Rules & Requirements**

**Grading Status:** Letter grade.

**LING 533. Syntactic Theory II. 3 Credits.**

Methods and theory of grammatical analysis, with special reference to transformational grammar.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 530.

**Grading Status:** Letter grade.

**LING 537. Semantic Theory I. 3 Credits.**

Semantics as a part of linguistic theory: co- and disjoint reference among nominals, "crossover" phenomena, quantifier scope, lexical semantics, Montague grammar and compositional semantics, and explanatory universals in semantic theory.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading Status:** Letter grade.

**LING 538. Semantic Theory II. 3 Credits.**

A continuation of LING 537 (Semantic Theory I), this course prepares the student to read the formal semantic literature and to do original research in the field.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 537.

**Grading Status:** Letter grade.

**LING 539. Language of Time. 3 Credits.**

The representation of time and temporal relations in natural languages. Cross-linguistic study of tense and aspect distinctions, modality, temporal adverbials, temporal anaphora, and sequences of tenses.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101 or 400.

**Grading Status:** Letter grade.

**LING 540. Mathematical Linguistics. 3 Credits.**

Introduction to topics in logic, set theory, and modern algebra with emphasis on linguistic application. Automata theory and the formal theory of grammar with special reference to transformational grammars. No previous mathematics assumed.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 541. Sociolinguistics. 3 Credits.**

Introduction to the study of language in relation to society; variation as it correlates with socioeconomic status, region, gender; the social motivation of change; language and equality; language maintenance, planning, shift.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101 or 400.

**Grading Status:** Letter grade.

**Same as:** ANTH 541.

**LING 542. Pidgins and Creoles. 3 Credits.**

Examination of the social contexts of language contact and their linguistic outcomes, with particular emphasis on the formation of pidgins and creoles. The course investigates the structural properties of these new contact languages and evaluates the conflicting theories that explain their genesis.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101 or 400.

**Grading Status:** Letter grade.

**Same as:** ANTH 542.

**LING 543. Language in Politics. 3 Credits.**

Examines language as a political issue in the 19th and 20th centuries. Emphasis placed on American and British politics but attention to one other national context as well.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **LING 545. Language and Mind. 3 Credits.**

The course treats the relationship among linguistics, artificial intelligence, neurobiology, cognitive psychology, and the philosophies of mind, language, and science.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, ENGL 213, LING 101, LING 400, or PHIL 145; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **LING 547. Language Deficits and Cognition. 3 Credits.**

Survey of the linguistic properties associated with aphasia, autism, Williams syndrome, dyslexia, and schizophrenia. Emphasis on the implications of these conditions for theories of mind.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, LING 101 or 400.

**Grading Status:** Letter grade.

**LING 550. Introduction to Indo-European: Phonology. 3 Credits.**

A survey of the phonological systems of the major Indo-European languages and their development from Proto-Indo-European.

**Rules & Requirements**

**Grading Status:** Letter grade.

**LING 551. Introduction to Indo-European: Morphology. 3 Credits.**

Introduction to the major morphological categories in the Indo-European languages and their development from the proto-language.

**Rules & Requirements**


**Requisites:** Prerequisite, LING 550.

**Grading Status:** Letter grade.

 **LING 558. Ancient Mayan Hieroglyphs. 3 Credits.**

This course is an introduction to the ancient scripts of pre-Columbian Mexico and Central America. It focuses on ancient Mayan hieroglyphs, describing their orthographic and linguistic structure, and highlighting methods for investigating the script using the Maya Hieroglyphic Database (5,000 inscriptions comprising 85,565 records). Students will write a research paper consisting of a linguistic and quantitative (descriptive, inferential statistical) analysis of a particular phenomenon of the script.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**LING 560. Mesoamerican Languages and Linguistics. 3 Credits.**

Surveys the basic characteristics that unify Mesoamerica as a cultural and linguistic area (e.g. sound systems, word order, color systems, diffused vocabulary, etc.), the basic sources of cultural and linguistic information available (e.g. ancient hieroglyphs, colonial manuscripts, contemporary documents, linguistic fieldwork), and the consequences of ancient and modern cross-cultural interaction.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**LING 561. Native Languages of the Americas. 3 Credits.**

This course explores the phonological and morphological structure of selected Amerindian languages indigenous to the Americas. Emphasis is on the linguistic analysis of original as well as published primary data.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101 or 400.

**Grading Status:** Letter grade.

**LING 562. Structure of Russian. 3 Credits.**

Examines Russian from the perspective of linguistic analysis. How do sounds, words, and sentences pattern in Russian? How do these compare with patterns in other languages? Also considers the influence of evidence from Russian on the development of linguistic theory.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101 or RUSS 102; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** RUSS 562.

 **LING 563. Structure of Japanese. 3 Credits.**

Introductory linguistic description of modern Japanese. For students of linguistics with no knowledge of Japanese and students of Japanese with no knowledge of linguistics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, JAPN 102 or LING 101.

**Grading Status:** Letter grade.

**Same as:** JAPN 563.

**LING 564. History of the French Language. 3 Credits.**

The phonology, morphology, and syntax of French are traced from the Latin foundation to the present. Lectures, readings, discussions, and textual analysis. In English.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300, and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** FREN 564.

**LING 565. French Phonetics and Phonology. 3 Credits.**

Study of the sound system and prosody features of standard French, emphasizing practical application in a variety of oral activities. Requires learning linguistic terminology and the phonetic alphabet. In English.

**Rules & Requirements**

**Requisites:** Prerequisite, FREN 255, 260, or 262; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** FREN 565.

**LING 566. Structure of Modern French. 3 Credits.**

Introduction to phonology, morphology, and syntax of modern standard French. Application of modern linguistic theory to the teaching of French. In English.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300, and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** FREN 566.

**LING 567. Structure of German. 3 Credits.**

LING 101 recommended for undergraduates. Introduction to formal analysis of German grammar (phonology, morphophonemics, prosodics, morphology, syntax) within the framework of generative grammar.

**Rules & Requirements**

**Requisites:** Prerequisites, GERM 302 and 303; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** GERM 501.

**LING 573. Linguistic Field Methods I. 3 Credits.**

Analysis and description of a language unknown to the class from data solicited from a native-speaker consultant.

**Rules & Requirements**

**Requisites:** Prerequisites, LING 101, and one of LING 200, 376, or 422.

**Grading Status:** Letter grade.

**LING 574. Linguistic Field Methods II. 3 Credits.**

Continuation of LING 573.

**Rules & Requirements**

**Grading Status:** Letter grade.

**LING 578. Comparative History of the Romance Languages. 3 Credits.**

The linguistic study of the evolution of Spanish, Portuguese, French, and Italian (and other Romance languages) from their common ancestor of Latin. Emphasis on phonological, morphological, syntactic, and lexical commonalities and divergences among the languages.

**Rules & Requirements**

**Requisites:** Prerequisite, FREN 300 or ITAL 300 or PORT 310 or SPAN 300; OR graduate standing; OR permission of instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** ROML 578.

**LING 583. History and Philosophy of Linguistics. 3 Credits.**

Linguistic theories from classical times to the present with special emphasis on the origins of contemporary theories.

**Rules & Requirements**

**Requisites:** Prerequisite, LING 101.

**Grading Status:** Letter grade.

**LING 676. Advanced Spanish Phonology. 3 Credits.**

Topics in Spanish phonology from a range of theoretical perspectives. Autosegmental theory, optimality theory (OT), syllable structure, stress and accent, and the interaction of phonology and morphology.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 376; OR graduate standing; OR permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** SPAN 676.

**LING 678. History of the Spanish Language. 3 Credits.**

SPAN 376 desirable. A theoretical study of the evolution of Spanish from classical and spoken Latin, focusing on phonological, morphological, and syntactic phenomena. Intended for linguistics majors.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** SPAN 678.

**LING 681. Spanish Semantics. 3 Credits.**

This course is an upper undergraduate/graduate-level introduction to the study of the meaning of words and sentences, with a focus on Spanish. It covers the following topics: truth-conditional theories of meaning, modality, quantification, reference, tense and aspect, Aktionsart. The course also addresses cross-linguistic data collection, e.g., field work and experimental methods.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 360.

**Grading Status:** Letter grade.

**Same as:** SPAN 681.

 **LING 691H. Senior Honors Thesis. 3 Credits.**

See the program for honors in the College of Arts and Sciences and the department honors advisor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **LING 692H. Senior Honors Thesis. 3 Credits.**

See the program for honors in the College of Arts and Sciences and the department honors advisor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Yucatec Maya (MAYA)

### Advanced Undergraduate and Graduate-level Courses

#### MAYA 401. Introduction to Yucatec Maya. 3 Credits.

Introduction to basic grammar and vocabulary, as well as cultural context and literary genres.

#### Rules & Requirements

**Grading Status:** Letter grade.

**Global Language:** Level 1.

## Contact Information

### Department of Linguistics

Visit Program Website (<http://linguistics.unc.edu>)

104A Smith Building, CB# 3155

(919) 962-1192

#### Chair

Misha Becker

#### Director of Undergraduate Studies

David Mora-Marín

davidmm@unc.edu

## Linguistics Major, B.A.

Courses in linguistics are intended to open up systematic perspectives on the nature of human language by means of detailed studies of language structure, language change and language acquisition, the sound system of language, and the syntactic/semantic system of language. The major is designed to provide a fundamental understanding of modern linguistics for the student seeking a general education in the liberal arts as well as for the student preparing for graduate study.

## Student Learning Outcomes

Upon completion of the linguistics program, students should be able to:

- Use a linguistic analysis method (i.e., a formal model or a framework) correctly and apply it to a novel set of linguistic data
- Formulate and test hypotheses on the basis of a linguistic data set or information about language-related behavior
- Express their knowledge of some linguistic topic clearly and effectively in a written assignment of term-paper length

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
LING 101	Introduction to Language (with a grade of C or better) <sup>H</sup>	3
<b>Core Requirements</b>		
One course each from three of the following four pairs (total of three courses): <sup>1</sup>		9
LING 200	Phonology	
	or LING 520 Linguistic Phonetics	
LING 201	Syntax	
	or LING 537 Semantic Theory I	
LING 202	Linguistic Variation and Language Change	
	or LING 541 Sociolinguistics	
LING 203	Language Acquisition and Development	
	or LING 427 Morphology	
Five additional linguistics courses chosen from the following lists:		15
Up to five LING courses numbered 200 to 699, excluding LING 400 <sup>2</sup>		
No more than two courses chosen from:		
AAAD 421	Introduction to the Languages of Africa	
AMST 374	America's Threatened Languages	
CHIN 253	Chinese Language and Society	
COMP 455	Models of Languages and Computation	
ENGL 115	History of the English Language	
ENGL 213	Grammar of Current English	
GERM 500	History of the German Language	
GERM 501	Structure of German	
GERM 514	Old Norse I (Old Icelandic)	
GERM 515	Old Norse II (Old Icelandic)	
GERM 521	Variation in German	
GERM 545	Problems in Germanic Linguistics	
ITAL 526	History of the Italian Language	
PHIL 345	Philosophy of Language	
PHIL 455	Symbolic Logic	
PORT 526	History of the Portuguese Language	
PSYC 432	Psychology of Language	
SPAN 378	Afro-Hispanic Language Contacts	
SPAN 683	Guaraní Linguistics	
SPHS 530	Introduction to Phonetics	
SPHS 540	Speech Science	
SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms	
SPHS 582	Introductory Audiology I	
<b>Total Hours</b>		<b>27</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> With the instructor's permission, students may take LING 523 instead of LING 200, LING 530 instead of LING 201, LING 525 instead of

LING 202 or LING 528 instead of LING 203. Credit will not be granted for both the 200 level course and its graduate level counterpart noted here. However, students may receive credit for both courses in the pairs noted above (LING 200/LING 520; LING 201/LING 537; LING 202/LING 541; LING 203/LING 427), one as a core class and the other as an elective.

<sup>2</sup> No more than six (6) combined credit hours from LING 395, LING 493, and LING 495 can be counted toward the major (with no more than 3 credit hours of LING 493).

Thus, the major requires nine courses, including LING 101. Students majoring in linguistics may concentrate entirely in linguistics, or they may select their major courses to include a field related to linguistics, such as linguistic anthropology, computer processing of language data, philosophy of language, psychology of language, sociology of language, speech and hearing sciences, or study of a particular language or language family. Any such second-field option should be planned in consultation with the student's advisor. Students interested in a career in speech pathology may pursue a minor in speech and hearing sciences through the Division of Speech and Hearing Sciences in the UNC School of Medicine.

Students interested in the linguistics major are encouraged to consult with the department's director of undergraduate studies. Additional information about the major is provided on the department's Web site (<http://linguistics.web.unc.edu>); select the link for the undergraduate program.

Linguistics (LING) course descriptions (p. 676).

## Dual Bachelor's–Master's Degree Program

The dual B.A.–M.A. program offers highly motivated undergraduates the opportunity to earn an M.A. (<http://catalog.unc.edu/graduate/schools-departments/linguistics/#programstext>) in less than the usual time by completing some of the M.A. requirements while still an undergraduate. Students must have a grade point average of 3.3 overall and 3.5 in linguistics. Students interested in pursuing this program should consult the department's director of undergraduate studies, Professor David Mora-Marín, to assess feasibility.

Additional information can be found on the program website (<https://linguistics.unc.edu/graduate-program/ma-linguistics/>).

## Special Opportunities

### Honors in Linguistics

Any linguistics major with a cumulative total grade point average of at least 3.3 and at least 3.5 within the linguistics major is eligible to attempt a degree with honors in linguistics. To graduate with honors, a student must work with a faculty supervisor, enroll in LING 691H and LING 692H during the senior year, and complete and defend an honors thesis according to departmental and Honors Carolina requirements. Interested students should contact the honors advisor, Professor Katya Pertsova, during their junior year.

### Departmental Involvement

Many linguistics majors and minors join Underling, the undergraduate linguistics club, which sponsors a variety of educational, outreach, social, and career-development events each year.

## Study Abroad

Students in linguistics are encouraged to consider study abroad. Courses that can be applied toward the linguistics major and minor are available through many of the programs administered by the Study Abroad Office.

## Internship Course

Students interested in receiving credit for participating in an internship that involves a linguistic component can enroll in LING 493. LING 493 can be applied towards elective credit in the major or minor. The work includes an academic component. Please contact the director of undergraduate studies well in advance to discuss options for internships and specific requirements.

## Undergraduate Awards

The Marc Adam Eisdorfer Award recognizes the graduating senior judged most outstanding in academic achievement in linguistics. It was established in 1998 by Sandra Eisdorfer in memory of her son, a graduate of the class of 1984.

## Department Programs

### Major

- Linguistics Major, B.A. (p. 684)

### Minor

- Linguistics Minor (p. 685)

### Graduate Programs

- M.A. in Linguistics (<http://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- M.A. in Linguistics–Ph.D. in Romance Languages and Literatures (Hispanic Linguistics) (<http://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- Graduate Certificate in Computational Linguistics (<https://linguistics.unc.edu/graduate-program/computational-linguistics-certificate/>)

## Contact Information

### Department of Linguistics

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104A Smith Building, CB# 3155  
(919) 962-1192

### Chair

Misha Becker

### Director of Undergraduate Studies

David Mora-Marín  
[davidmm@unc.edu](mailto:davidmm@unc.edu)

## Linguistics Minor

Courses in the department are offered for the general student and for those who wish to receive the bachelor of arts with a major in linguistics. Courses in linguistics are intended to open up systematic perspectives on the nature of human language by means of detailed studies of language structure, language change and language acquisition, the sound system of language, and the syntactic/semantic system of language.




## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor in linguistics consists of four linguistics courses numbered 200 or higher.

Code	Title	Hours
<b>Core Requirements</b>		
Two courses selected from: <sup>1</sup>		6
LING 200	 Phonology	
LING 201	Syntax	
LING 202	 Linguistic Variation and Language Change	
LING 203	 Language Acquisition and Development	
Two additional LING courses numbered 200 or higher. <sup>2,3</sup>		6
<b>Total Hours</b>		<b>12</b>

<sup>1</sup> LING 101 is a prerequisite for these courses.

<sup>2</sup> In order to fashion a coherent program of study that complements the student's major, the department encourages students to select these two courses in consultation with the department's director of undergraduate studies.

<sup>3</sup> No more than three combined hours of LING 395, LING 493, and LING 495 can be counted toward the minor.

Linguistics (LING) course descriptions (p. 676).

See the program page here (p. 685) for special opportunities.

## Department Programs

### Major

- Linguistics Major, B.A. (p. 684)

### Minor

- Linguistics Minor (p. 685)

### Graduate Programs

- M.A. in Linguistics (<http://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- M.A. in Linguistics–Ph.D. in Romance Languages and Literatures (Hispanic Linguistics) (<http://catalog.unc.edu/graduate/schools-departments/linguistics/>)
- Graduate Certificate in Computational Linguistics (<https://linguistics.unc.edu/graduate-program/computational-linguistics-certificate/>)

## Contact Information

### Department of Linguistics

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(919) 962-1192

### Chair

Misha Becker

### Director of Undergraduate Studies

David Mora-Marín  
davidmm@unc.edu

## Department of Mathematics

### Introduction

Mathematics has always been a fundamental component of human thought and culture, and the growth of technology in recent times has further increased its importance. UNC–Chapel Hill offers several degrees in mathematics and the mathematical sciences, providing students a choice of careers in this field. Among the jobs in industry, government, and the academic world that involve mathematics are actuary, analyst, modeler, optimizer, statistician, and computer analyst.

Students intending to teach mathematics in elementary and middle school and students enrolled in the School of Education who intend to major in mathematics should consult the School of Education (p. 1069) section of the *Catalog* or the director of mathematical education in the Department of Mathematics. A section in the mathematics program (p. 695) of the *Catalog* suggests course selections for future high school teachers.

### Advising

All majors and minors have a primary academic advisor assigned in ConnectCarolina. Students should regularly meet with their advisors and review their Tar Heel Trackers to be sure that they are satisfying distribution and degree requirements. In addition, drop in advising is available each semester in the math department. Students who have declared a math major and have completed MATH 233 are required to attend a math department advising session to discuss course selections and any other questions before a hold on registration is lifted. The department's director of undergraduate studies, assistant director of undergraduate studies, and manager of student services (see contact tab above) are also available by appointment. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<https://math.unc.edu/>).

### Placement into Mathematics Courses

Standardized test scores such as the Advanced Placement (AP) or the American College Test (ACT) can be used for placement into mathematics courses. Students who do not have placement scores via the AP or ACT may take the department's ALEKS Placement Test. Please visit the placement page (<http://math.unc.edu/for-undergrads/placement-info/>) of the department's website for specific information regarding placement and departmental placement tests.

### Graduate School and Career Opportunities

The B.S. degree program, especially if it includes the sequences MATH 521–MATH 522 and MATH 577–MATH 578, is excellent preparation for graduate study in the mathematical sciences. The B.A. degree can be excellent preparation for graduate study in many fields,

including admission into professional schools of law, business, and medicine. Both degrees are viewed by many employers as attractive, especially when accompanied by electives in areas such as statistics, computer science, economics, and operations research. Undergraduate mathematics majors with critical thinking skills and good analytical abilities are in demand in many business, industry, and government fields.

### Majors

- Mathematics Major, B.A. (p. 695)
- Mathematics Major, B.S. (p. 698)

### Minor

- Mathematics Minor (p. 702)

### Graduate Programs

- M.A. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- M.S. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- Ph.D. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)

## Professors

David Adalsteinsson, Idris Assani, Prakash Belkale, Roberto Camassa, Ivan V. Cherednik, Hans Christianson, M. Gregory Forest, Boyce Griffith, Jingfang Huang, Shrawan Kumar, Jeremy Marzuola, Richard McLaughlin, Jason Metcalfe, Sorin Mitran, Richárd Rimányi, Lev Rozansky, Justin Sawon, Michael E. Taylor, Alexander N. Varchenko, Mark Williams.

## Associate Professors

Yaiza Canzani, Karin Leiderman Gregg, Jiuzu Hong, Katherine Newhall, David Rose.

## Assistant Professors

Arunima Bhattacharya, Olivia Dumitrescu, Shahar Kovalsky, Caroline Moosmueller, Casey Rodriguez, Pedro Sáenz, Andrey Smirnov.

## Teaching Faculty

Emily Burkhead, Linda Green, Mark McCombs, Elizabeth McLaughlin, Miranda Thomas.

## Professors Emeriti

Joseph A. Cima, James N. Damon, Patrick B. Eberlein, Ladnor D. Geissinger, Sue E. Goodman, Jane M. Hawkins, Robert G. Heyneman, Christopher Jones, Ancel Mewborn, Karl E. Peterson, Joseph F. Plante, Robert Proctor, Michael Schlessinger, William W. Smith, James D. Stasheff, Jonathan M. Wahl, Warren R. Wogen.

## MATH–Mathematics Undergraduate-level Courses

### MATH 10. Review of Basic Algebra. 3 Credits.

Correctional Education Course. This course covers basic algebra topics and prepares students for an introductory college-level algebra course, such as MATH 110.

#### Rules & Requirements

**Grading Status:** Letter grade.

### MATH 51. First-Year Seminar: 'Fish Gotta Swim, Birds Gotta Fly': The Mathematics and the Mechanics of Moving. 3 Credits.

This seminar allows students to have hands-on exposure to a class of physical and computer experiments designed to challenge intuition on how motion is achieved in nature. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

### MATH 62. First-Year Seminar: Combinatorics. 3 Credits.

Students will discuss combinatorics' deep roots in history, its connections with the theory of numbers, and its fundamental role for natural science, as well as various applications, including cryptography and the stock market. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

### MATH 65. First-Year Seminar: Colliding Balls and Springs: The Microstructure of How Materials Behave. 3 Credits.

Students will follow the intellectual journey of the atomic hypothesis from Leucippus and Democritus to the modern era, combining the history, the applications to science, and the mathematics developed to study particles and their interactions.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

### MATH 68. First-Year Seminar: The Mathematics of Voting. 3 Credits.


What properties should a fair election have and are these properties achievable in theory and in practice? How can mathematics and statistics be used to expose election fraud and gerrymandering? Students will address these questions as they compare different election systems, evaluate their strengths, weaknesses, and abuses, and design improvements to current structures. Topics will include gerrymandering, ranked voting, approval voting, and Arrow's Impossibility Theorem.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **MATH 69. First-Year Seminar: Unfolding Infinity: Mathematical Origami and Fractal Symmetry. 3 Credits.**

This seminar engages students in an exploration of the interplay between mathematics, origami, and fractal symmetry. Learning objectives will include mastering basic origami folding techniques, identifying and applying fundamental symmetry operations, recognizing and analyzing fractal symmetry, and creating geometric tessellations. Students will use image editing software (Illustrator and Photoshop), mathematical imaging software (Ultra Fractal), and the laser cutter in UNC's BeAM space, to design and create modular origami and fractal tessellation artwork.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **MATH 70. First-Year Seminar: Topology and Symmetry. 3 Credits.**

In this seminar, students will explore ideas from topology and geometry and their application to symmetry patterns. Students will learn to identify and classify two-dimensional symmetry patterns and create their own designs. Students will relate symmetry patterns to their folded-up counterparts, called orbifolds, and use tools from topology and geometry to determine which patterns are possible and which patterns can never be achieved.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **MATH 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**MATH 110. Algebra. 3 Credits.**

Provides a one-semester review of the basics of algebra. Basic algebraic expressions, functions, exponents, and logarithms are included, with an emphasis on problem solving. This course does not satisfy any general education requirements. It is intended for students who need it as a prerequisite for other classes. A student cannot receive credit for this course after receiving credit for MATH 231 or higher.

**Rules & Requirements**

**Grading Status:** Letter grade.


**MATH 110L. Algebra Corequisite. 1 Credits.**

This course provides just-in-time instruction and practice on basic algebra to support students in Algebra. It also provides additional practice on some of the more difficult topics from MATH 110. This course is intended for students currently enrolled in MATH 110 who need additional review of algebra.

**Rules & Requirements**

**Requisites:** Corequisite, MATH 110.

**Grading Status:** Pass/Fail.

 **MATH 115. Reasoning with Data: Navigating a Quantitative World. 3 Credits.**

Students will use mathematical and statistical methods to address societal problems, make personal decisions, and reason critically about the world. Authentic contexts may include voting, health and risk, digital humanities, finance, and human behavior. This course does not count as credit towards the psychology or neuroscience majors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

**Same as:** BIOL 115, PSYC 115, STOR 115.

 **MATH 116. Intuitive Calculus. 3 Credits.**

Provides an introduction in as nontechnical a setting as possible to the basic concepts of calculus. The course is intended for the nonscience major. A student may not receive credit for this course after receiving credit for MATH 152 or 231.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

 **MATH 117. Aspects of Finite Mathematics. 3 Credits.**

Introduction to basic concepts of finite mathematics, including topics such as counting methods, finite probability problems, and networks. The course is intended for the nonscience major. A student cannot receive credit for this course after receiving credit for MATH 231 or higher.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

 **MATH 118. Aspects of Modern Mathematics. 3 Credits.**

Introduction to mathematical topics of current interest in society and science, such as the mathematics of choice, growth, finance, and shape. The course is intended for the non-science major. A student cannot receive credit for this course after receiving credit for MATH 231 or higher.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

 **MATH 119. Introduction to Mathematical Modeling. 3 Credits.**

Provides an introduction to the use of mathematics for modeling real-world phenomena in a nontechnical setting. Models use algebraic, graphical, and numerical properties of elementary functions to interpret data. This course is intended for the nonscience major.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.



**MATH 129P. Precalculus Mathematics. 0 Credits.**

Awarded as placement credit based on test scores. Does not fulfill a graduation requirement.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **MATH 130. Precalculus Mathematics. 3 Credits.**

Covers the basic mathematical skills needed for learning calculus. Topics are calculating and working with functions and data, introduction to trigonometry, parametric equations, and the conic sections. A student may not receive credit for this course after receiving credit for MATH 231.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 110; a grade of C- or better is required.

**Grading Status:** Letter grade.

 **MATH 152. Calculus for Business and Social Sciences. 3 Credits.**

An introductory survey of differential and integral calculus with emphasis on techniques and applications of interest for business and the social sciences. This is a terminal course and not adequate preparation for MATH 232. A student cannot receive credit for this course after receiving credit for MATH 231 or 241.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 110.

**Grading Status:** Letter grade.

**MATH 190. Special Topics in Mathematics. 3 Credits.**

An undergraduate seminar course that is designed to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline in mathematics. This course does not count as credit towards the mathematics major.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **MATH 210. Mathematical Tools for Data Science. 3 Credits.**

This course introduces students to the tools of linear algebra and optimization, including solving linear systems, matrices as linear transformations, eigenvalues and eigenvectors, singular value decomposition, derivatives, and the method of gradient descent. Applications to data science are included such as image compression, principal component analysis, and neural networks. Computational tools (e.g. Python) will be used to implement algorithms. No programming experience needed. A student cannot receive credit after receiving credit for MATH 347.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 110 or 110P.

**Grading Status:** Letter grade.

 **MATH 231. Calculus of Functions of One Variable I. 4 Credits.**

Limits, derivatives, and integrals of functions of one variable. Students may not receive credit for both MATH 231 and MATH 241. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisites, MATH 110 and 130; Requires a grade of C- or better in MATH 130 or placement by the department.

**Grading Status:** Letter grade.

**MATH 231L. Calculus I Corequisite. 1 Credits.**

This course provides just-in-time instruction and review on algebra and trigonometry to support students in MATH 231. It also provides additional practice on some of the more difficult topics from Calculus 1. This course is intended to be taken by students currently enrolled in MATH 231 who need review of algebra and trigonometry.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 110 and 130; requires a grade of C- or better in MATH 130 or placement by the department; Corequisite, MATH 231.

**Grading Status:** Pass/Fail.

 **MATH 232. Calculus of Functions of One Variable II. 4 Credits.**

Calculus of the elementary transcendental functions, techniques of integration, indeterminate forms, Taylor's formula, infinite series. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-QUANT.

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, A grade of C- or better in MATH 231 or placement by the department.

**Grading Status:** Letter grade.

 **MATH 233. Calculus of Functions of Several Variables. 4 Credits.**

Vector algebra, solid analytic geometry, partial derivatives, multiple integrals. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-QUANT.

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 232.

**Grading Status:** Letter grade.

**MATH 235. Mathematics for Data Science. 4 Credits.**

This course introduces students to some of the key mathematical tools underlying algorithmic data science. The primary focus of the course is matrix algebra and multivariable calculus. The mathematical topics covered in the course will be motivated and connected by concrete applications in data science, with an emphasis on machine learning and optimization.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Requisites:** Prerequisites, MATH 231 and MATH 232.

**Grading Status:** Letter grade.

**Same as:** STOR 235.

**MATH 290. Special Topics in Mathematics. 1-3 Credits.**

Permission of the instructor. Elective topics in mathematics. This course has variable content and may be taken multiple times for credit.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**MATH 294. Undergraduate Seminar in Mathematics. 1-3 Credits.**

Permission of the instructor. A seminar on a chosen topic in mathematics in which the students participate more actively than in usual courses.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MATH 296. Directed Exploration in Mathematics. 1-3 Credits.**

By permission of the director of undergraduate studies. Experimentation or deeper investigation under the supervision of a faculty member of topics in mathematics that may be, but need not be, connected with an existing course. No one may receive more than seven semester hours of credit for this course. Formerly offered as MATH 290.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 7 total credits. 7 total completions.

**Grading Status:** Letter grade.

**MATH 307. Revisiting Real Numbers and Algebra. 3 Credits.**

Central to teaching precollege mathematics is the need for an in-depth understanding of real numbers and algebra. This course explores this content, emphasizing problem solving and mathematical reasoning.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**MATH 347. Linear Algebra for Applications. 3 Credits.**

Algebra of matrices with applications: determinants, solution of linear systems by Gaussian elimination, Gram-Schmidt procedure, and eigenvalues. Previously offered as MATH 547.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 232.

**Grading Status:** Letter grade.

**MATH 381. Discrete Mathematics. 3 Credits.**

This course serves as a transition from computational to more theoretical mathematics. Topics are from the foundations of mathematics: logic, set theory, relations and functions, induction, permutations and combinations, recurrence. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 232.

**Grading Status:** Letter grade.

**MATH 383. First Course in Differential Equations. 3 Credits.**

Introductory ordinary differential equations, first- and second-order differential equations with applications, higher-order linear equations, systems of first-order linear equations (introducing linear algebra as needed). Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 232.

**Grading Status:** Letter grade.

**MATH 383L. First Course in Differential Equations Laboratory. 1 Credits.**

Course is computational laboratory component designed to help students visualize ODE solutions in Matlab. Emphasis is on differential equations motivated by applied sciences. Some applied linear algebra will appear as needed for computation and modeling purposes.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 233; pre- or corequisite, MATH 383.

**Grading Status:** Letter grade.

**MATH 396. Undergraduate Reading and Research in Mathematics. 1-3 Credits.**

Permission of the director of undergraduate studies. This course is intended mainly for students working on honors projects. No one may receive more than three semester hours credit for this course.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****MATH 406. Mathematical Methods in Biostatistics. 1 Credits.**

Special mathematical techniques in the theory and methods of biostatistics as related to the life sciences and public health. Includes brief review of calculus, selected topics from intermediate calculus, and introductory matrix theory for applications in biostatistics.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 232.

**Grading Status:** Letter grade.

 **MATH 410. Teaching and Learning Mathematics. 4 Credits.**

Study of how people learn and understand mathematics, based on research in mathematics, mathematics education, psychology, and cognitive science. This course is designed to prepare undergraduate mathematics majors to become excellent high school mathematics teachers. It involves field work in both the high school and college environments.

**Rules & Requirements** **IDEAs in Action Gen Ed:** COMMBEYOND.**Making Connections Gen Ed:** EE- Field Work.**Grading Status:** Letter grade.**MATH 411. Developing Mathematical Concepts. 3 Credits.**

Permission of the instructor. An investigation of various ways elementary concepts in mathematics can be developed. Applications of the mathematics developed will be considered.

**Rules & Requirements****Making Connections Gen Ed:** QI.**Grading Status:** Letter grade.**MATH 418. Basic Concepts of Analysis for High School Teachers. 3 Credits.**

An examination of high school mathematics from an advanced perspective, including number systems and the behavior of functions and equations. Designed primarily for prospective or practicing high school teachers.

**Rules & Requirements****Making Connections Gen Ed:** QI.**Requisites:** Prerequisites, MATH 233 and 381.**Grading Status:** Letter grade.**MATH 521. Advanced Calculus I. 3 Credits.**

The real numbers, continuity and differentiability of functions of one variable, infinite series, integration. Honors version available.

**Rules & Requirements****Making Connections Gen Ed:** QI.**Requisites:** Prerequisites, MATH 233 and 381; A grade of A- or better in STOR 215 may substitute for MATH 381.**Grading Status:** Letter grade.**MATH 522. Advanced Calculus II. 3 Credits.**

Functions of several variables, the derivative as a linear transformation, inverse and implicit function theorems, multiple integration. Honors version available.

**Rules & Requirements****Making Connections Gen Ed:** QI.**Requisites:** Prerequisites, MATH 383 and 521.**Grading Status:** Letter grade.**MATH 523. Functions of a Complex Variable with Applications. 3 Credits.**

The algebra of complex numbers, elementary functions and their mapping properties, complex limits, power series, analytic functions, contour integrals, Cauchy's theorem and formulae, Laurent series and residue calculus, elementary conformal mapping and boundary value problems, Poisson integral formula for the disk and the half plane.

**Rules & Requirements****Making Connections Gen Ed:** QI.**Requisites:** Prerequisite, MATH 383.**Grading Status:** Letter grade.**MATH 524. Elementary Differential Equations. 3 Credits.**

Linear differential equations, power series solutions, Laplace transforms, numerical methods.

**Rules & Requirements****Making Connections Gen Ed:** QI.**Requisites:** Prerequisite, MATH 383.**Grading Status:** Letter grade.**MATH 528. Mathematical Methods for the Physical Sciences I. 3 Credits.**

Theory and applications of Laplace transform, Fourier series and transform, Sturm-Liouville problems. Students will be expected to do some numerical calculations on either a programmable calculator or a computer. This course has an optional computer laboratory component: MATH 528L.

**Rules & Requirements****Making Connections Gen Ed:** QI.**Requisites:** Prerequisite, MATH 383.**Grading Status:** Letter grade.**MATH 528L. Laboratory for Mathematical Methods for the Physical Sciences I. 1 Credits.**

Training in the use of symbolic and numerical computing packages and their application to the MATH 528 lecture topics. Students will need a CCI-compatible computing device.

**Rules & Requirements****Requisites:** Prerequisite, MATH 383; pre- or corequisite, MATH 528.**Grading Status:** Letter grade.**MATH 529. Mathematical Methods for the Physical Sciences II. 3 Credits.**

Introduction to boundary value problems for the diffusion, Laplace and wave partial differential equations. Bessel functions and Legendre functions. Introduction to complex variables including the calculus of residues. This course has an optional computer laboratory component: MATH 529L.

**Rules & Requirements****Making Connections Gen Ed:** QI.**Requisites:** Prerequisite, MATH 521, 524, or 528.**Grading Status:** Letter grade.

**MATH 529L. Laboratory for Mathematical Methods for the Physical Sciences II. 1 Credits.**

Training in the use of symbolic and numerical computing packages and their application to the MATH 529 lecture topics. Students will need a CCI-compatible computing device.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 383; pre- or corequisite, MATH 529.

**Grading Status:** Letter grade.

**MATH 533. Elementary Theory of Numbers. 3 Credits.**

Divisibility, Euclidean algorithm, congruences, residue classes, Euler's function, primitive roots, Chinese remainder theorem, quadratic residues, number-theoretic functions, Farey and continued fractions, Gaussian integers.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 381; A grade of A- or better in STOR 215 may substitute for MATH 381.

**Grading Status:** Letter grade.

**MATH 534. Elements of Modern Algebra. 3 Credits.**

Binary operations, groups, subgroups, cosets, quotient groups, rings, polynomials.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 381; A grade of A- or better in STOR 215 may substitute for MATH 381.

**Grading Status:** Letter grade.

**MATH 535. Introduction to Probability. 3 Credits.**

Introduction to mathematical theory of probability covering random variables; moments; binomial, Poisson, normal and related distributions; generating functions; sums and sequences of random variables; and statistical applications. Students may not receive credit for both STOR 435 and STOR 535.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, MATH/STOR 235 or MATH 233; and STOR 215 or MATH 381 or COMP 283.

**Grading Status:** Letter grade.

**Same as:** STOR 435.

**MATH 548. Combinatorial Mathematics. 3 Credits.**

Counting selections, binomial identities, inclusion-exclusion, recurrences, Catalan numbers. Selected topics from algorithmic and structural combinatorics, or from applications to physics and cryptography.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 381.

**Grading Status:** Letter grade.

**MATH 550. Topology. 3 Credits.**

Introduction to topics in topology, particularly surface topology, including classification of compact surfaces, Euler characteristic, orientability, vector fields on surfaces, tessellations, and fundamental group.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, MATH 233 and 381.

**Grading Status:** Letter grade.

**MATH 551. Euclidean and Non-Euclidean Geometries. 3 Credits.**

Critical study of basic notions and models of Euclidean and non-Euclidean geometries: order, congruence, and distance.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 381; A grade of A- or better in STOR 215 may substitute for MATH 381.

**Grading Status:** Letter grade.

**MATH 553. Mathematical and Computational Models in Biology. 3 Credits.**

This course introduces analytical, computational, and statistical techniques, such as discrete models, numerical integration of ordinary differential equations, and likelihood functions, to explore various fields of biology.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, (BIOL 201 and BIOL 202) or (BIOL 103 and BIOL 104); and MATH 231; and (MATH 232 or STOR 120 or STOR 155); or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 553L/MATH 553L.

**Grading Status:** Letter grade.

**Same as:** BIOL 553.

**MATH 553L. Mathematical and Computational Models in Biology Laboratory. 1 Credits.**

This lab introduces analytical, computational, and statistical techniques, such as discrete models, numerical integration of ordinary differential equations, and likelihood functions, to explore various fields of biology.

**Rules & Requirements**

**Requisites:** Prerequisites, (BIOL 201 and 202) or BIOL 103 and BIOL 104); and MATH 231; and (MATH 232 or STOR 120 or STOR 155); or permission of the instructor for students lacking the prerequisites; Corequisite, BIOL 553/MATH 553.

**Grading Status:** Letter grade.

**Same as:** BIOL 553L.

**MATH 555. Introduction to Dynamics. 3 Credits.**

Topics will vary and may include iteration of maps, orbits, periodic points, attractors, symbolic dynamics, bifurcations, fractal sets, chaotic systems, systems arising from differential equations, iterated function systems, and applications.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 383.

**Grading Status:** Letter grade.

**MATH 560. Optimization with Applications in Machine Learning. 3 Credits.**

This course will provide an introduction to convex optimization, including convex sets and functions, modeling, conic problems, optimality conditions and algorithms. The second part of the course will address non-convex problems, focusing on contemporary optimization challenges in large-scale optimization and practical approaches for machine learning and deep learning.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 233, MATH 347, and COMP 110 or COMP 116.

**Grading Status:** Letter grade.

**MATH 563. Introduction to Fluid Mechanics. 3 Credits.**

Mathematical methods applied to problems in fluid dynamics. Particular attention will be given to the power of dimensional analysis and scaling arguments. Topics will include: particle motion (e.g. the dynamics of sports balls), animal locomotion (e.g. swimming and flying), viscous flows (e.g. geological fluid dynamics), rotating and stratified flows (geophysical fluid dynamics), gravity currents and plumes (environmental fluid mechanics), drops, bubbles, and films.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisite, MATH 528.

**Grading Status:** Letter grade.

**MATH 564. Mathematical Modeling in the Life Sciences. 3 Credits.**

Requires some knowledge of computer programming. Model validation and numerical simulations using ordinary, partial, stochastic, and delay differential equations. Applications to the life sciences may include muscle physiology, biological fluid dynamics, neurobiology, molecular regulatory networks, and cell biology.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, MATH 383, and 347.

**Grading Status:** Letter grade.

**Same as:** BIOL 534.

**MATH 566. Introduction to Numerical Analysis. 3 Credits.**

Requires some knowledge of computer programming. Iterative methods, interpolation, polynomial and spline approximations, numerical differentiation and integration, numerical solution of ordinary and partial differential equations.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 383, or 347.

**Grading Status:** Letter grade.

**MATH 577. Linear Algebra. 3 Credits.**

Vector spaces, linear transformations, duality, diagonalization, primary and cyclic decomposition, Jordan canonical form, inner product spaces, orthogonal reduction of symmetric matrices, spectral theorem, bilinear forms, multilinear functions. A much more abstract course than MATH 347.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, MATH 381 and 383; A grade of A- or better in STOR 215 may substitute for MATH 381.

**Grading Status:** Letter grade.

**MATH 578. Algebraic Structures. 3 Credits.**

Permutation groups, matrix groups, groups of linear transformations, symmetry groups; finite abelian groups. Residue class rings, algebra of matrices, linear maps, and polynomials. Real and complex numbers, rational functions, quadratic fields, finite fields.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, MATH 347, or 577.

**Grading Status:** Letter grade.

**MATH 590. Topics in Mathematics. 3 Credits.**

Permission of the instructor. Topics may focus on matrix theory, analysis, algebra, geometry, or applied and computational mathematics.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**MATH 594. Nonlinear Dynamics. 3 Credits.**

Interdisciplinary introduction to nonlinear dynamics and chaos. Fixed points, bifurcations, strange attractors, with applications to physics, biology, chemistry, finance.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 383; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** PHYS 594.

**MATH 635. Probability II. 3 Credits.**

Foundations of probability. Basic classical theorems. Modes of probabilistic convergence. Central limit problem. Generating functions, characteristic functions. Conditional probability and expectation.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 634; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** STOR 635.

**MATH 641. Enumerative Combinatorics. 3 Credits.**

Basic counting; partitions; recursions and generating functions; signed enumeration; counting with respect to symmetry, plane partitions, and tableaux.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 578.

**Grading Status:** Letter grade.

**MATH 643. Combinatorial Structures. 3 Credits.**

Graph theory, matchings, Ramsey theory, extremal set theory, network flows, lattices, Moebius inversion, q-analogs, combinatorial and projective geometries, codes, and designs.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 578.

**Grading Status:** Letter grade.

**MATH 653. Introductory Analysis. 3 Credits.**

Requires knowledge of advanced calculus. Elementary metric space topology, continuous functions, differentiation of vector-valued functions, implicit and inverse function theorems. Topics from Weierstrass theorem, existence and uniqueness theorems for differential equations, series of functions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MATH 656. Complex Analysis. 3 Credits.**

A rigorous treatment of complex integration, including the Cauchy theory. Elementary special functions, power series, local behavior of analytic functions.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 653.

**Grading Status:** Letter grade.

**MATH 657. Qualitative Theory of Differential Equations. 3 Credits.**

Requires knowledge of linear algebra. Existence and uniqueness theorems, linear and nonlinear systems, differential equations in the plane and on surfaces, Poincaré-Bendixson theory, Lyapunov stability and structural stability, critical point analysis.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 653.

**Grading Status:** Letter grade.

**MATH 661. Scientific Computation I. 3 Credits.**

Requires some programming experience and basic numerical analysis. Error in computation, solutions of nonlinear equations, interpolation, approximation of functions, Fourier methods, numerical integration and differentiation, introduction to numerical solution of ODEs, Gaussian elimination.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENVR 661.

**MATH 662. Scientific Computation II. 3 Credits.**

Theory and practical issues arising in linear algebra problems derived from physical applications, e.g., discretization of ODEs and PDEs. Linear systems, linear least squares, eigenvalue problems, singular value decomposition.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 661.

**Grading Status:** Letter grade.

**Same as:** COMP 662, ENVR 662.

**MATH 668. Methods of Applied Mathematics I. 3 Credits.**

Requires an undergraduate course in differential equations. Contour integration, asymptotic expansions, steepest descent/stationary phase methods, special functions arising in physical applications, elliptic and theta functions, elementary bifurcation theory.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENVR 668.

**MATH 669. Methods of Applied Mathematics II. 3 Credits.**

Perturbation methods for ODEs and PDEs, WKBJ method, averaging and modulation theory for linear and nonlinear wave equations, long-time asymptotics of Fourier integral representations of PDEs, Green's functions, dynamical systems tools.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 668.

**Grading Status:** Letter grade.

**Same as:** ENVR 669.

**MATH 676. Modules, Linear Algebra, and Groups. 3 Credits.**

Requires knowledge of linear algebra and algebraic structures. Modules over rings, canonical forms for linear operators and bilinear forms, multilinear algebra, groups and group actions.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MATH 677. Groups, Representations, and Fields. 3 Credits.**

Internal structure of groups, Sylow theorems, generators and relations, group representations, fields, Galois theory, category theory.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 676.

**Grading Status:** Letter grade.

**MATH 680. Differentiable Manifolds. 3 Credits.**

Calculus on manifolds, vector bundles, vector fields and differential equations, de Rham cohomology.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 681.

**Grading Status:** Letter grade.

**MATH 681. Introductory Topology. 3 Credits.**

Topological spaces, product spaces, connectedness, compactness. Classification of surfaces, fundamental group, covering spaces. Simplicial homology.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MATH 690. Topics In Mathematics. 3 Credits.**

Permission of the department. Directed study of an advanced topic in mathematics. Topics will vary.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **MATH 691H. Honors Research in Mathematics. 3 Credits.**

Permission of the director of undergraduate studies. Readings in mathematics and the beginning of directed research on an honors thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **MATH 692H. Honors Thesis in Mathematics. 3 Credits.**

Permission of the director of undergraduate studies. Completion of an honors thesis under the direction of a member of the faculty. Required of all candidates for graduation with honors in mathematics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Department of Mathematics**

Visit Program Website (<http://www.math.unc.edu>)

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## Mathematics Major, B.A.

Mathematics has always been a fundamental component of human thought and culture, and the growth of technology in recent times has further increased its importance.

Students majoring in mathematics may enter either the B.A. or the B.S. program. The B.A. program is more flexible than the B.S. program; it allows students to specialize in mathematics and at the same time either to follow a broad liberal arts program or to specialize in a second area (possibly even taking a second major). MATH 521 is a key class in the curriculum and MATH 381 is a key to prepare for it. Your degree plan should be built with these classes as the backbone, and they should be taken in the second and third year by most students. Please see the sample plan for additional information and suggestions.

### Student Learning Outcomes

Upon completion of the mathematics program (B.A., B.S.), students should be able to:

- Demonstrate mastery of the core of mathematics recognized as essential by national professional mathematics organizations
- Demonstrate mathematical reasoning and problem-solving skills
- Demonstrate the ability to construct logical arguments and mathematical proofs
- Demonstrate the ability to apply mathematical knowledge and skills in context and interpret results

### Requirements




In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
MATH 347	Linear Algebra for Applications (previously offered as MATH 547)	3
or MATH 577	Linear Algebra	
MATH 381	Discrete Mathematics <sup>1, H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
At least three more MATH courses numbered above 500. <sup>2</sup>		9

**Additional Requirements**

MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
<b>Total Hours</b>		<b>33</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A current or former major in statistics and analytics may substitute STOR 215 for MATH 381.

<sup>2</sup> For this requirement, taking the three lab courses MATH 383L + MATH 528L + MATH 529L counts as one 500-level course.

All General Education requirements apply (see the General Education Requirements (p. 1164) in this catalog).

Following are suggested course selections (within the degree requirements) for students who have an interest in a particular direction.

### Course Suggestions for Pure Mathematics

These courses provide a solid theoretical understanding of central mathematics and excellent preparation for graduate study in mathematics or the mathematical sciences.

Code	Title	Hours
MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 522	Advanced Calculus II <sup>H</sup>	3
MATH 577	Linear Algebra	3
MATH 578	Algebraic Structures	3



Enough upper-level mathematics courses to satisfy the degree requirements
















<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Those planning graduate study in mathematics or the mathematical sciences may consider taking some of MATH 653, MATH 676, MATH 680, or subsequent courses.

### Course Suggestions for Mathematical Economics

Suitable for students planning to go on to graduate school in economics or a related area, or pursue a career in economics, business, or finance. Note: With three more ECON courses numbered above 400, the requirements for the B.A. in economics could also be satisfied.
















Code	Title	Hours
ECON 101	 Introduction to Economics <sup>H, F</sup>	4
ECON 410	 Intermediate Microeconomics <sup>H</sup>	4
ECON 420	Intermediate Macroeconomics <sup>H</sup>	3

At least two of:	6
ECON 510  Advanced Microeconomic Theory <sup>H</sup>	
ECON 511  Advanced Game Theory in Economics <sup>H</sup>	
ECON 520  Advanced Macroeconomic Theory <sup>H</sup>	
MATH 521  Advanced Calculus I <sup>H</sup>	3
At least three of:	9
MATH 522  Advanced Calculus II <sup>H</sup>	
MATH 524  Elementary Differential Equations	
MATH 535  Introduction to Probability	
MATH 550  Topology	
MATH 555  Introduction to Dynamics	
MATH 564  Mathematical Modeling in the Life Sciences	
Either:	6
MATH 535/ STOR 435  Introduction to Probability	
STOR 555  Mathematical Statistics	
Or:	
ECON 400  Introduction to Data Science and Econometrics <sup>H</sup>	
MATH 347  Linear Algebra for Applications	3
or MATH 577  Linear Algebra	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Course Suggestions for Future High School Teachers

Code	Title	Hours
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 381	 Discrete Mathematics <sup>H</sup>	3
MATH 383	 First Course in Differential Equations <sup>H</sup>	3
At least one of:		
MATH 534	 Elements of Modern Algebra	
MATH 535	 Introduction to Probability	
MATH 548	 Combinatorial Mathematics	
MATH 550	 Topology	
MATH 347	 Linear Algebra for Applications	3
or MATH 577	 Linear Algebra	
MATH 521	 Advanced Calculus I <sup>H</sup>	3
MATH 533	 Elementary Theory of Numbers	3
MATH 551	 Euclidean and Non-Euclidean Geometries	3
STOR 155	 Introduction to Data Models and Inference <sup>F</sup>	3
The Supplemental General Education requirement		9









<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

In the first two years, students are required to complete the standard calculus sequence as well as discrete mathematics, linear algebra, and first course in differential equations. At the beginning of their third year, students take advanced courses in mathematics. They have a great deal of flexibility in tailoring their program to meet their individual interests.

Code	Title	Hours
<b>First and Second Years</b>		
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 381	 Discrete Mathematics <sup>1,4, H</sup>	3
MATH 383	 First Course in Differential Equations <sup>3, H</sup>	3
MATH 347	 Linear Algebra for Applications <sup>3</sup>	3
or MATH 577	 Linear Algebra	
<b>Third and Fourth Years</b>		
MATH 521	 Advanced Calculus I <sup>H</sup>	3
At least three more MATH courses numbered above 500. <sup>2</sup>		9
<b>Total Hours</b>		<b>33</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A current or former major in statistics and analytics may substitute STOR 215 (<https://catalog.unc.edu/search/?P=STOR%20215>) for MATH 381 (<https://catalog.unc.edu/search/?P=MATH%20381>).

<sup>2</sup> For this requirement, taking the three lab courses MATH 383L + MATH 528L + MATH 529L counts as one 500-level course.

<sup>3</sup> One of these courses could be moved to the third year with minimal consequence.



<sup>4</sup> MATH 381 is a key course to prepare for MATH 521. Students with double majors should take MATH 381 over similar courses offered in other departments.

## Special Opportunities in Mathematics

Special activities for qualified students include an undergraduate Mathematics Club, problem-solving seminars, the Putnam Mathematical Competition, and the Virginia Tech Mathematics Contest. Qualified students may pursue opportunities as undergraduate learning assistants or tutors in the Math Help Center. Students interested in these activities should consult the undergraduate student services manager for additional information.

Qualified students can conduct original research with the guidance of a faculty member, usually in conjunction with the preparation of an honors project. Study Abroad opportunities include semester or yearlong programs in a variety of countries. The Archibald Henderson Medal and the Alfred Brauer Prize recognize outstanding performance and promise in mathematics.

Undergraduate honors research projects as well as some internships or study abroad programs might qualify for research and discovery or experiential education credit in the General Education curriculum. MATH 296 satisfies this requirement.




## Honors in Mathematics

Special honors (H) sections are given in some mathematics courses when student demand is sufficient (for example, MATH 62H, MATH 231H, MATH 232H, MATH 233H, MATH 381H, MATH 383H).

Promising students are encouraged to work toward a bachelor's degree with honors in mathematics. This program consists of nine or more courses approved by the departmental honors advisor and satisfactory completion of an honors project completed over the two semesters. The honors project is conducted in association with a departmental faculty member on a topic approved by the departmental honors advisor, and spans two semesters of independent research, during which time the honors candidate must be enrolled in MATH 691H and MATH 692H. The final report on the project includes both a written description and an oral presentation before a committee of three faculty (including the project advisor) approved by the departmental honors advisor. The committee will then report to the departmental honors advisor, who, in conjunction with a subcommittee of the undergraduate committee, will make the final recommendation on awarding a degree with honors or highest honors. The candidate must have a 3.5 grade point average in mathematics courses to begin an honors project and must maintain the 3.5 average through the completion of the senior year.

## UNC-BEST

The UNC Baccalaureate Education in Science and Teaching (UNC-BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate mathematics (and science) majors interested in teaching high school mathematics the opportunity to earn their degree and obtain licensure as a North Carolina high school mathematics teacher in four years. UNC-BEST students meet all the degree requirements for their mathematics major and complete a teaching methods class (MATH 410 or EDUC 760). Students also fulfill teaching licensure coursework requirements (see list below) as well as many General Education and elective requirements.

Code	Title	Hours
<b>Pedagogy Course</b>		
MATH 410	 Teaching and Learning Mathematics	3-4
or EDUC 760	Methods and Materials for Teaching Secondary/K-12 Subjects I	
<b>Educational Foundations</b>		
EDUC 532	 Human Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
<b>Student Teaching</b>		
EDUC 593	 Internship/Student Teaching	12
<b>Seminar</b>		
EDUC 601	Education Workshops	1
<b>Total Hours</b>		<b>25-26</b>

For more details on admission requirements and application processes, visit the School of Education website (<https://ed.unc.edu/academics/programs/unc-baccalaureate-education-in-science-and-teaching/>).

## Department Programs

### Majors

- Mathematics Major, B.A. (p. 695)
- Mathematics Major, B.S. (p. 698)

### Minor

- Mathematics Minor (p. 702)

### Graduate Programs

- M.A. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- M.S. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- Ph.D. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)

## Contact Information

### Department of Mathematics

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## Mathematics Major, B.S.

Mathematics has always been a fundamental component of human thought and culture, and the growth of technology in recent times has further increased its importance.

Students majoring in mathematics may enter either the B.A. or the B.S. program. The B.S. program is more comprehensive; it provides solid preparation for work or for further study in mathematics and related fields. Within the B.S. program there is an applied option, which is designed for students who are primarily interested in using mathematics for the study of other sciences. MATH 521 is a key class in the curriculum and MATH 381 is a key to prepare for it. The degree plan should be built with these classes as the backbone, and they should be taken in the second and third year by most students. Please see the sample plan for additional information and suggestions.

### Student Learning Outcomes

Upon completion of the mathematics program (B.A., B.S.), students should be able to:


- Demonstrate mastery of the core of mathematics recognized as essential by national professional mathematics organizations
- Demonstrate mathematical reasoning and problem-solving skills
- Demonstrate the ability to construct logical arguments and mathematical proofs
- Demonstrate the ability to apply mathematical knowledge and skills in context and interpret results






In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

## Mathematics Major, B.S.

Code	Title	Hours
<b>Core Requirements</b>		
One of the following:		3
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
MATH 347	Linear Algebra for Applications (preferably before the junior year; previously offered as MATH 547)	3
	or MATH 577 Linear Algebra	
MATH 381	Discrete Mathematics <sup>1, H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
One of the following:		3
MATH 522	Advanced Calculus II <sup>H</sup>	


MATH 523	Functions of a Complex Variable with Applications	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 566	Introduction to Numerical Analysis	
One of the following:		3
MATH 533	Elementary Theory of Numbers	
MATH 534	Elements of Modern Algebra	
MATH 578	Algebraic Structures	
MATH 548	Combinatorial Mathematics	
At least three additional MATH courses numbered above 520, excluding MATH 528L and MATH 529L		9
<b>Additional Requirements</b>		
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
Physics course chosen from the following options:		4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity (recommended) <sup>H, F</sup>	
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	
At least four courses in the Division of Natural Sciences and Mathematics (beyond the General Education requirements), but not in mathematics		12
Remaining General Education requirements and enough free electives to accumulate 122 academic hours		64
<b>Total Hours</b>		<b>122</b>






<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A current or former major in statistics and analytics may substitute STOR 215 for MATH 381.

## Mathematics Major, B.S. – Applied Option

Code	Title	Hours
<b>Core Requirements</b>		
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	3
	or COMP 116 Introduction to Scientific Programming	
MATH 381	Discrete Mathematics <sup>1, H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
Five courses chosen from the following list: <sup>2</sup>		15
MATH 522	Advanced Calculus II <sup>H</sup>	
MATH 523	Functions of a Complex Variable with Applications	
MATH 524	Elementary Differential Equations	

MATH 528	Mathematical Methods for the Physical Sciences I <sup>2</sup>	
MATH 529	Mathematical Methods for the Physical Sciences II <sup>2</sup>	
MATH 535	Introduction to Probability	
MATH 548	Combinatorial Mathematics	
MATH 560	Optimization with Applications in Machine Learning <sup>2</sup>	
MATH 564	Mathematical Modeling in the Life Sciences <sup>2</sup>	
MATH 566	Introduction to Numerical Analysis <sup>2</sup>	
MATH 661	Scientific Computation I <sup>2</sup>	
MATH 668	Methods of Applied Mathematics I <sup>2</sup>	
	Sequence MATH 383L, MATH 528L, and MATH 529L <sup>2</sup>	
MATH 347	Linear Algebra for Applications	3
or MATH 577	Linear Algebra	
<b>Additional Requirements</b>		
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
Physics course chosen from the following options:		4
PHYS 118	 Introductory Calculus-based Mechanics and Relativity (recommended) <sup>H, F</sup>	
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	
Strongly recommended:		
MATH 535/ STOR 435	Introduction to Probability	
STOR 555	Mathematical Statistics	
At least four courses in the Division of Natural Sciences and Mathematics (beyond the General Education requirements), but not in mathematics. STOR 555 can be counted for this requirement.		12
Remaining General Education requirements and enough free electives to accumulate 122 academic hours		64
<b>Total Hours</b>		<b>122</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A current or former major in statistics and analytics may substitute STOR 215 for MATH 381.

<sup>2</sup> with at least three from MATH 528, MATH 529, MATH 560, MATH 564, MATH 566, MATH 661, MATH 668, sequence MATH 383L + MATH 528L + MATH 529L.

Students must complete either the B.S. or B.S.-Applied Option for a B.S. degree with a major in mathematics. All requirements of the General Education curriculum (except for Supplemental General Education) apply to students in both options.

Following are suggested course selections (within the degree requirements) for students who have an interest in a particular direction.

## Course Suggestions for Pure Mathematics

These courses provide a solid theoretical understanding of central mathematics and excellent preparation for graduate study in mathematics or the mathematical sciences.

Code	Title	Hours
MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 522	Advanced Calculus II <sup>H</sup>	3
MATH 577	Linear Algebra	3
MATH 578	Algebraic Structures	3





Enough upper-level mathematics courses to satisfy the degree requirements

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Those planning graduate study in mathematics or the mathematical sciences may consider taking some of MATH 653, MATH 676, MATH 680, or subsequent courses.

## Course Suggestions for Mathematical Biology

For students interested in careers or further study in mathematical life sciences.

Code	Title	Hours
BIOL 101	 Principles of Biology <sup>H, F</sup>	3
CHEM 101	 General Descriptive Chemistry I <sup>H, F</sup>	3
or CHEM 102	 General Descriptive Chemistry II	
At least one of:		4
BIOL 201	Ecology and Evolution <sup>H</sup>	
BIOL 202	 Molecular Biology and Genetics <sup>H, F</sup>	
BIOL 205	Cellular and Developmental Biology <sup>H</sup>	
At least two of:		6
BIOL 454	Evolutionary Genetics	
BIOL 526	Computational Genetics <sup>H</sup>	
BIOL 551	Comparative Biomechanics	
BIOL 553	Mathematical and Computational Models in Biology	
MATH 521	Advanced Calculus I <sup>H</sup>	3
One of:		3
MATH 522	Advanced Calculus II <sup>H</sup>	
MATH 523	Functions of a Complex Variable with Applications	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 566	Introduction to Numerical Analysis	
One of:		3
MATH 534	Elements of Modern Algebra	
MATH 548	Combinatorial Mathematics	
MATH 578	Algebraic Structures	
MATH 347	Linear Algebra for Applications	3
or MATH 577	Linear Algebra	

Three or more mathematics courses numbered above 500. Consider especially MATH 524, MATH 529, MATH 535, and MATH 564 9

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

In the first two years, students are required to complete the standard calculus sequence, discrete mathematics, linear algebra, and first course in differential equations as well as introductory courses in computer science and physics. At the beginning of their third year, students take advanced courses in mathematics.

## Mathematics Major, B.S.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
COMP 110  Introduction to Programming and Data Science <sup>H</sup> or COMP 116  Introduction to Scientific Programming	3
Physics course chosen from the following options:	4
PHYS 118  Introductory Calculus-based Mechanics and Relativity (recommended) <sup>H, F</sup>	
PHYS 114  General Physics I: For Students of the Life Sciences <sup>F</sup>	
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232  Calculus of Functions of One Variable II <sup>H, F</sup>	4
One of 4 courses in Division of Natural Sciences and Mathematics, but not in mathematics	3
<b>Hours</b>	<b>29</b>

### Sophomore Year

MATH 233  Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 381  Discrete Mathematics <sup>1, 2, H</sup>	3
MATH 383  First Course in Differential Equations <sup>H</sup>	3
MATH 347  Linear Algebra for Applications	3
One of 4 courses in Division of Natural Sciences and Mathematics, but not in mathematics	3

**Hours** 16

### Junior Year

MATH 521  Advanced Calculus I <sup>H</sup>	3
MATH 522  Advanced Calculus II <sup>H</sup> or MATH 523  Functions of a Complex Variable with Applications or MATH 528  Mathematical Methods for the Physical Sciences I or MATH 566  Introduction to Numerical Analysis	3

MATH 533  Elementary Theory of Numbers or MATH 534  Elements of Modern Algebra or MATH 578  Algebraic Structures or MATH 548  Combinatorial Mathematics	3
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One of 4 courses in Division of Natural Sciences and Mathematics, but not in mathematics 3

**Hours** 12

### Senior Year

At least 3 additional MATH courses numbered above 520, excluding MATH 528L and MATH 529L 9

One of 4 courses in Division of Natural Sciences and Mathematics, but not in mathematics 3

**Hours** 12

**Total Hours** 69

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A current or former major in statistics and analytics may substitute STOR 215 (<https://catalog.unc.edu/search/?P=STOR%20215>) for MATH 381 (<https://catalog.unc.edu/search/?P=MATH%20381>).

<sup>2</sup> MATH 381 is a key course to prepare for MATH 521. Students with double majors should take MATH 381 over similar courses offered in other departments.

## Mathematics Major, B.S. – Applied Option

First Year		Hours
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
COMP 110 or COMP 116	Introduction to Programming and Data Science <sup>H</sup> or Introduction to Scientific Programming	3
Physics course chosen from the following options:		4
PHYS 118	Introductory Calculus-based Mechanics and Relativity (recommended) <sup>H,F</sup>	
PHYS 114	General Physics I: For Students of the Life Sciences <sup>F</sup>	
MATH 231	Calculus of Functions of One Variable I <sup>H,F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H,F</sup>	4
One of 4 courses in Division of Natural Sciences and Mathematics, but not in mathematics <sup>3</sup>		3
<b>Hours</b>		<b>29</b>
<b>Sophomore Year</b>		
MATH 233	Calculus of Functions of Several Variables <sup>H,F</sup>	4
MATH 381	Discrete Mathematics <sup>1,4,H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 347	Linear Algebra for Applications	3
One of 4 courses in Division of Natural Sciences and Mathematics, but not in mathematics <sup>3</sup>		3
<b>Hours</b>		<b>16</b>
<b>Junior Year</b>		
MATH 521	Advanced Calculus I <sup>H</sup>	3
Two of the five MATH elective courses (see list) <sup>2</sup>		6
One of 4 courses in Division of Natural Sciences and Mathematics, but not in mathematics <sup>3</sup>		3
<b>Hours</b>		<b>12</b>
<b>Senior Year</b>		
Three of the five MATH elective courses (see list) <sup>2</sup>		9
One of 4 courses in Division of Natural Sciences and Mathematics, but not in mathematics <sup>3</sup>		3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>69</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A current or former major in statistics and analytics may substitute STOR 215 (<https://catalog.unc.edu/search/?P=STOR%20215>) for MATH 381 (<https://catalog.unc.edu/search/?P=MATH%20381>).

<sup>2</sup> with at least three from MATH 528, MATH 529, MATH 560, MATH 564, MATH 566, MATH 661, MATH 668, sequence MATH 383L + MATH 528L + MATH 529L.

<sup>3</sup> These courses may be completed at any point in the major. However, we recommend starting early especially for sequential courses in another department. STOR 555 can be counted for this requirement and is strongly recommended.

<sup>4</sup> MATH 381 is a key course to prepare for MATH 521. Students with double majors should take MATH 381 over similar courses offered in other departments.

## Special Opportunities in Mathematics

Special activities for qualified students include an undergraduate Mathematics Club, problem-solving seminars, the Putnam Mathematical Competition, and the Virginia Tech Mathematics Contest. Qualified students may pursue opportunities as undergraduate learning assistants or tutors in the Math Help Center. Students interested in these activities should consult the undergraduate student services manager for additional information.

Qualified students can conduct original research with the guidance of a faculty member, usually in conjunction with the preparation of an honors project. Study Abroad opportunities include semester or yearlong programs in a variety of countries. The Archibald Henderson Medal and the Alfred Brauer Prize recognize outstanding performance and promise in mathematics.

Undergraduate honors research projects as well as some internships or study abroad programs might qualify for research and discovery or experiential education credit in the General Education curriculum. MATH 296 satisfies this requirement.

## Honors in Mathematics



Special honors (H) sections are given in some mathematics courses when student demand is sufficient (for example, MATH 62H, MATH 231H, MATH 232H, MATH 233H, MATH 381H, MATH 383H).

Promising students are encouraged to work toward a bachelor's degree with honors in mathematics. This program consists of nine or more courses approved by the departmental honors advisor and satisfactory completion of an honors project completed over the two semesters. The honors project is conducted in association with a departmental faculty member on a topic approved by the departmental honors advisor, and spans two semesters of independent research, during which time the honors candidate must be enrolled in MATH 691H and MATH 692H. The final report on the project includes both a written description and an oral presentation before a committee of three faculty (including the project advisor) approved by the departmental honors advisor. The committee will then report to the departmental honors advisor, who, in conjunction with a subcommittee of the undergraduate committee, will make the final recommendation on awarding a degree with honors or highest honors.

The candidate must have a 3.5 grade point average in mathematics courses to begin an honors project and must maintain the 3.5 average through the completion of the senior year.

## UNC–BEST

The UNC Baccalaureate Education in Science and Teaching (UNC–BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate mathematics (and science) majors interested in teaching high school mathematics the opportunity to earn their degree and obtain licensure as a North Carolina high school mathematics teacher in four years. UNC–BEST students meet all the degree requirements for their mathematics major and complete a teaching methods class (MATH 410 or EDUC 760). Students also fulfill teaching licensure coursework requirements (see list below) as well as many General Education and elective requirements.

Code	Title	Hours
<b>Pedagogy Course</b>		
MATH 410 or EDUC 760	 Teaching and Learning Mathematics Methods and Materials for Teaching Secondary/K-12 Subjects I	3-4
<b>Educational Foundations</b>		
EDUC 532	 Human Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
<b>Student Teaching</b>		
EDUC 593	 Internship/Student Teaching	12
<b>Seminar</b>		
EDUC 601	Education Workshops	1
<b>Total Hours</b>		<b>25-26</b>

For more details on admission requirements and application processes, visit the School of Education website (<https://ed.unc.edu/academics/programs/unc-baccalaureate-education-in-science-and-teaching/>).

## Department Programs

### Majors

- Mathematics Major, B.A. (p. 695)
- Mathematics Major, B.S. (p. 698)

### Minor

- Mathematics Minor (p. 702)

### Graduate Programs

- M.A. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- M.S. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- Ph.D. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)

## Contact Information

### Department of Mathematics

Visit Program Website (<http://www.math.unc.edu>)  
Phillips Hall, CB# 3250

(919) 962-1294

### Chair

Richard McLaughlin

### Director of Undergraduate Studies

David Adalsteinsson  
david@unc.edu

### Assistant Director of Undergraduate Studies

Elizabeth McLaughlin  
eamclaug@email.unc.edu

### Undergraduate Student Services Manager

Erin Willis  
ewillis3@email.unc.edu




## Mathematics Minor

Mathematics has always been a fundamental component of human thought and culture, and the growth of technology in recent times has further increased its importance.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
MATH 381	Discrete Mathematics <sup>H</sup>	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Three mathematics courses from the following list:		9
MATH 347	Linear Algebra for Applications	
The collection of all three lab courses MATH 383L + MATH 528L + MATH 529L		
Any course numbered above MATH 500 excluding MATH 528L and MATH 529L		
<b>Additional Requirements</b>		
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
<b>Total Hours</b>		<b>27</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

See the program page here (p. 695) for special opportunities.

## Department Programs

### Majors

- Mathematics Major, B.A. (p. 695)
- Mathematics Major, B.S. (p. 698)

### Minor

- Mathematics Minor (p. 702)

### Graduate Programs

- M.A. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- M.S. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)
- Ph.D. in Mathematics (<http://catalog.unc.edu/graduate/schools-departments/mathematics/>)

## Contact Information

### Department of Mathematics

Visit Program Website (<http://www.math.unc.edu>)

Phillips Hall, CB# 3250  
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### Chair

Richard McLaughlin

### Director of Undergraduate Studies

David Adalsteinsson  
david@unc.edu

### Assistant Director of Undergraduate Studies

Elizabeth McLaughlin  
eamclaug@email.unc.edu

### Undergraduate Student Services Manager

Erin Willis  
ewillis3@email.unc.edu

## Department of Microbiology and Immunology

The Department of Microbiology and Immunology is one of the basic science departments of the UNC School of Medicine. Although the department participates actively in the undergraduate curriculum in biology and several of its courses are open to undergraduate students, the department does not offer an undergraduate major in microbiology.

MCRO 251 Introductory Medical Microbiology is an undergraduate course, including both lecture and laboratory sessions, which is specifically designed to serve as the required prerequisite for students applying to physician assistant, pharmacy, or nursing programs, although other students with the required science background may take the course. Most of the other courses offered by the department are available to highly motivated undergraduate students with the necessary preparation, although it is important for such students to consult the course instructor before registering.

### Graduate Programs

- Ph.D. in Microbiology and Immunology (<http://catalog.unc.edu/graduate/schools-departments/microbiology-immunology/>)

## MCRO–Microbiology

### Undergraduate-level Courses

#### MCRO 251. Introductory Medical Microbiology. 4 Credits.

Required preparation, one semester of a basic undergraduate science class. An introductory course in microbiology that focuses on the structure, biology, and genetics of microbes in relation to human disease and the immune system. For students planning careers in pharmacy, nursing, dental hygiene, and related fields. A laboratory is required.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### MCRO 291. Undergraduate Learning Apprentice. 1 Credits.

Permission required. Experience includes preparations, demonstrations, assistance, and attendance at weekly meetings. Apprentices will not be involved in any aspects of grading.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Requisites:** Prerequisite, MCRO 251; a grade of B or better in MCRO 251 is required.

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

#### MCRO 292. Undergraduate Learning Assistant. 2 Credits.

Permission required. Experience includes preparations, demonstrations, assistance, and attendance in weekly meetings.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Requisites:** Prerequisite, MCRO 251; a grade of B or better in MCRO 251 is required.

**Repeat Rules:** May be repeated for credit. 4 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

### Advanced Undergraduate and Graduate-level Courses

#### MCRO 449. Introduction to Immunology. 3 Credits.

This course provides a general overview of the evolution, organization, and function of the immune system. Instruction will be inquiry-based with extensive use of informational and instructional technology tools.

#### Rules & Requirements

**Requisites:** Prerequisites, BIOL 205; or BIOL 103, BIOL 104, and BIOL 240; or permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** BIOL 449.

**MCRO 614. Immunobiology. 3 Credits.**

A strong background in molecular biology, eukaryotic genetics, and biochemistry is required. Advanced survey course with topics that include molecular recognition, genetic mechanisms of host resistance, development of cells and cell interactions; hypersensitivity, autoimmunity, and resistance to infection. Course material from textbook and primary literature.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MCRO 630. Virology. 3 Credits.**

Required preparation, coursework in molecular biology and cell biology. Current concepts of the chemistry, structure, replication, genetics, and the natural history of animal viruses and their host cells.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MCRO 631. Advanced Molecular Biology I. 3 Credits.**

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. DNA structure, function, and interactions in prokaryotic and eukaryotic systems, including chromosome structure, replication, recombination, repair, and genome fluidity. Three lecture hours a week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GNET 631, BIOC 631, BIOL 631.

**MCRO 632. Advanced Molecular Biology II. 3 Credits.**

Required preparation for undergraduates, at least one undergraduate course in both biochemistry and genetics. The purpose of this course is to provide historical, basic, and current information about the flow and regulation of genetic information from DNA to RNA in a variety of biological systems. Three lecture hours a week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GNET 632, BIOC 632, BIOL 632.

**MCRO 635. Microbial Pathogenesis I. 3 Credits.**

Permission of the instructor. Required preparation, coursework in molecular biology and genetics. Topics will include aspects of basic bacteriology as well as bacterial and fungal pathogens and mechanisms of disease.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MCRO 640. Microbial Pathogenesis II. 3 Credits.**

Permission of the instructor or a fundamental understanding of molecular virology and immunology. Molecular pathogenesis, with a primary focus on viral pathogens. Additional topics include vaccines and genetics of host-pathogen interactions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MCRO 690. Special Topics in Microbiology or Immunology. 1-15 Credits.**

Permission of the department except for department majors. Designed to introduce the student to research methods. Minor investigative problems are conducted with advice and guidance of the staff. Hours and credit to be arranged, any term. May be repeated for credit two or more semesters.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 15 total credits. 5 total completions.

**Grading Status:** Letter grade.

## Contact Information

**Department of Microbiology and Immunology**

Visit Program Website (<http://www.med.unc.edu/microimm/>)

125 Mason Farm Road, 6th Floor Marsico Hall, CB# 7290

(919) 966-1191

**Chair**

Craig E. Cameron

## Department of Military Science Introduction

The United States Army Reserve Officers' Training Corps (AROTC) provides unrivaled leadership training for success in any career field. AROTC offers students the opportunity to study, develop, and demonstrate leadership and mission command. Those who successfully complete the program are commissioned as second lieutenants in the United States Army. Army ROTC offers a variety of leadership experiences, academic challenges, and unique learning opportunities – unlike any other University program or department.

## The Army ROTC Program Four-Year Program

Students enrolled in the four-year program take courses during each semester. The first two years include the ROTC basic course and concentrate on leadership development, ethics and values, the profession of arms, and basic military skills. Starting the junior year, cadets enter the ROTC advanced course. The advanced course curriculum focuses on the study and application of leadership skills, mission command, advanced land navigation, and military history. Qualified cadets will have the opportunity to attend multiple iterations of Cadet Summer Training at Fort Knox, Kentucky. In their senior year, cadets submit accessions packets—including component (Active, Reserve, National Guard) and branch preferences—to compete for the opportunity to serve the nation as commissioned officers.

## Two-Year Program

The two-year program provides an opportunity for students to meet the requirements for the advanced course program and potential commissioning as officers in the United States Army. To be eligible for consideration, a student must have previously served in the armed services or attended Cadet Initial Entry Training at Fort Knox, Kentucky.

## Interested Students

Students seeking to learn more about themselves, leadership, and the United States Army can take ARMY 101, ARMY 102, ARMY 201, and ARMY 202 without incurring a service obligation.



## Advising

Cadets are required to complete an additional academic tracking form and receive guidance from their military science instructor to ensure military and graduation requirements are met.

### Minor

- Military Science and Leadership Minor (p. 706)

## Professor

Daniel Hurd, Lieutenant Colonel, U.S. Army

## Assistant Professors

Jerad Romine, Captain, U.S. Army

Oren Rosen, Captain, U.S. Army

## Primary Trainer

Eduardo Cenicerros-Rodriguez, Staff Sergeant, U.S. Army

## ARMY–Army Undergraduate-level Courses

### ARMY 100. Leadership Laboratory. 0 Credits.

This course is designed to enhance the military science curriculum while providing the opportunity for hands-on practice of leadership fundamentals and the education received during ARMY 101, 102, 201, 202, 301, 302, 401, and 402. Requirement for cadets.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit.

**Grading Status:** Letter grade.

### ARMY 101. Introduction to the Army and Critical Thinking. 1 Credits.

This course introduces students to the personal challenges and competencies that are critical for effective leadership. Students learn how the personal development of life skills such as critical thinking, time management, goal setting, stress management, and comprehensive fitness relate to leadership and the Army profession. Required for cadets.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ARMY 102. Adaptive Leadership and Professional Competence. 1 Credits.

Builds on ARMY 101 by offering an introduction to the personal challenges and competencies that are critical for adaptive leadership. Students learn the basics of the communication process and the importance for leaders to develop the essential skills to communicate effectively in the Army. Required for cadets.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ARMY 190. Seminar in Selected Topics of Military Science. 1-3 Credits.

Permission of the department. A detailed examination of current topics regarding the U.S. Army. Provides a course for Army ROTC cadets who require additional coursework to meet commissioning and/or scholarship requirements due to extenuating circumstances.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ARMY 196. Independent Study. 1-3 Credits.

Permission of the department and the instructor. A course learning contract is required. Any student wishing to further their Army Leadership study or unable to schedule military science courses during their allotted time frames to maintain Army enrollment requirements may enroll.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ARMY 201. Leadership and Decision Making. 2 Credits.

This course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and two historical leadership theories that form the basis of the Army leadership framework. Aspects of personal motivation and team building are practiced by planning, executing, and assessing team exercises. Required for cadets.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ARMY 202. Army Doctrine and Team Development. 2 Credits.

This course examines the challenges of leading teams in the complex operational environment. Highlights dimensions of terrain analysis, patrolling, and operation orders. Further study of the theoretical basis of the Army leadership requirements model explores the dynamics of adaptive leadership in the context of military operations. Required for cadets.

#### Rules & Requirements

**Grading Status:** Letter grade.

### ARMY 301. Army Training Management. 3 Credits.

Students will study, practice, and apply the fundamentals of Army leadership, values, and ethics; personal development; and small unit tactics at the platoon level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating, and leading a squad and platoon in the execution of a mission. Required for cadets.

#### Rules & Requirements

**Requisites:** Prerequisites, ARMY 101, 102, 201, and 202; Permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

### ARMY 302. Applied Leadership in Platoon Operations. 3 Credits.

Students will study, practice, and apply the fundamentals of Army leadership, values, and ethics; personal development; and small unit tactics at the platoon level. At the conclusion of this course, students will be capable of planning, coordinating, navigating, motivating, and leading a squad and platoon in the execution of a mission. Required for cadets.

#### Rules & Requirements

**Requisites:** Prerequisites, ARMY 101, 102, 201, and 202; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### ARMY 401. The Army Officer. 3 Credits.

This advanced course places primary emphasis on officership with MS IV cadets. ARMY 401 and 402 together refine and ultimately complete the cadet-to-commissioned-officer transition. This course focuses on mission command philosophy and ethical leadership. Required for cadets.

#### Rules & Requirements

**Requisites:** Prerequisites, ARMY 301 and 302; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

### ARMY 402. Company Grade Leadership. 3 Credits.

In this final semester of a four-year developmental leadership experience, cadets are undergoing preparation for the duties and responsibilities of a commissioned officer along with their integration into the Army. Emphasis is on critical knowledge, skills, abilities, and competencies new officers will need to succeed in their first unit of assignment. Required for cadets.

#### Rules & Requirements

**Requisites:** Prerequisites, ARMY 301, 302, and 401; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

### ARMY 493. Army Leadership Expeditionary Training. 1 Credits.

Provides leadership training in a military environment. Professional development through academics, team building events, physical fitness, marksmanship, and leadership exercises. Course culminates in a simulated expeditionary deployment to a combat zone.

#### Rules & Requirements

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

## Contact Information

### Department of Military Science

Visit Program Website (<http://armyrotc.unc.edu/>)

Army ROTC–Tar Heel Battalion, 221 S. Columbia Street, CB# 7485  
(919) 962-5546

#### Chair

Daniel Hurd

#### Army ROTC Admissions Officer

Ronald Henry  
ronhenry@unc.edu

## Military Science and Leadership Minor

The military science and leadership minor is for students who wish to augment their college experience with the study and application of military leadership. Military science courses are open to all UNC–Chapel Hill students who meet prerequisites.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill

- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

This minor in military science and leadership is a 15 semester-hour course of study selected from the list below.

Code	Title	Hours
<b>Core Requirements</b>		
ARMY 301	Army Training Management <sup>1</sup>	3
ARMY 302	Applied Leadership in Platoon Operations	3
ARMY 401	The Army Officer	3
ARMY 402	Company Grade Leadership	3
One of the following: 3		
AERO/HIST/ PWAD 213	Air Power and Modern Warfare	
ASIA/HIST/ PWAD 570	The Vietnam War	
HIST/PWAD 212	History of Sea Power	
HIST/PWAD 238	 The American Revolution, 1763-1815	
HIST/PWAD 266	 Global History of Warfare	
HIST/PWAD 368	War and American Society to 1903	
HIST/PWAD 369	War and American Society	
HIST/PWAD 373	The United States in World War II	
HIST/PWAD 565	Civil War and Reconstruction, 1848-1900	
HIST/PWAD/ WGST 517	Gender, Military, and War	
PHIL/POLI/ PWAD 272	 The Ethics of Peace, War, and Defense	
POLI/PWAD 444	 Terrorism and International Peace	
PWAD 488	Nuclear Security in the 21st Century	
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> ARMY 101, ARMY 102, ARMY 201, and ARMY 202 are prerequisite courses to ARMY 301.

## Special Opportunities in Military Science Extracurricular Activities

Army ROTC offers an array of extracurricular activities. Students looking for excitement and action can volunteer to compete for the opportunity to attend the basic airborne course, Air Assault, or mountain warfare training. Other opportunities include participation as a member of the Ranger Challenge Team or color guard, travel for culture and language immersion programs, and leadership opportunities in Army units in the United States and around the world.

## Scholarships

Four-year scholarships are available for high school seniors. Three-and-a-half-, three-, two-and-a-half-, and two-year, merit-based scholarships are available to full-time students. Successful candidates will need to meet eligibility requirements and have at least a 2.5 GPA. Scholarships pay full tuition and fees, \$600 per semester book allowance, and a monthly stipend between \$300 and \$500. The North Carolina Army National Guard and the United States Army Reserve also have programs that can pay costs associated with attending the University.

## Service Obligations

Upon contracting, cadets incur an obligation to serve in the United States Army; that service can be active or reserve duty. Service obligations range from three to eight years.

## Contact Information

### Department of Military Science

Visit Program Website (<http://armyrotc.unc.edu/>)

Army ROTC–Tar Heel Battalion, 221 S. Columbia Street, CB# 7485  
(919) 962-5546

### Army ROTC Admissions Officer

Ronald Henry  
[ronhenry@unc.edu](mailto:ronhenry@unc.edu)

### Chair

Daniel Hurd

### Army ROTC Admissions Officer

Ronald Henry  
[ronhenry@unc.edu](mailto:ronhenry@unc.edu)

## Department of Music

### Introduction

The Department of Music provides many opportunities to students who wish to study music within a strong liberal arts curriculum. We foster creative endeavor and critical inquiry through courses, ensembles, and lessons on instruments or voice that explore music from a variety of perspectives. The department offers both the bachelor of arts (B.A.) and the bachelor of music (B.Mus.) degrees for students majoring in music, and two minors. The department also offers many courses and performance opportunities to undergraduates majoring in fields other than music.

### Admission

Students are admitted to the B.A. or B.Mus. programs through the regular admissions process established by the University. Prospective students intending to major in music are urged to contact the Department of Music for an audition during the year prior to their anticipated enrollment in order to strengthen their application credentials and to compete for scholarships offered by the department, including the prestigious William R. Kenan Jr. Music Scholarship.

### Individual and Group Lessons

Instruction for academic credit in keyboard, woodwind, brass, percussion, string instruments, and in voice is available to all University students. All lessons are normally offered each semester and are subject to admission

and other requirements being met. Group lessons may also be available on selected instruments and in voice.

Studio assignments are based on instructor availability with preference given to music majors (B.A. and B.Mus.). Fees are charged for lessons based on an annual schedule published by the department. Music lesson fees are to be paid during the registration period; if fees remain unpaid, lessons will be discontinued.

All students wishing to enroll for lessons must first gain the permission of the appropriate area head to register (see the Department of Music's website (<http://music.unc.edu/undergraduate/lessons/>) for current information); this will involve an audition. Once permission has been granted, the registration process is handled by the Department of Music's registrar, who is also responsible for procedures leading to billing and the formal assignment to a teacher.

B.Mus. students whose primary focus is composition (and whether or not choosing an emphasis in composition) will fulfill the Individual Lessons core requirement by taking MUSC 166, three semesters of MUSC 266, and two hours of MUSC 100–MUSC 107 or MUSC 200–MUSC 207.

MUSC 100–MUSC 107 may be repeated for credit to a maximum of eight hours; MUSC 200–MUSC 207 may be repeated for credit to a maximum of 16 hours; MUSC 266 may be repeated for credit to a maximum of 18 hours; MUSC 300–MUSC 306 may be repeated for credit for a degree to a maximum of six hours. In all these cases, repetition is subject to a grade of C or better in the immediately prior enrollment in the course.

### Ensembles

A variety of department ensembles under MUSC 211–MUSC 214 are open to all students by audition. Each carries one credit hour per semester and may be repeated for credit.

B.A. candidates majoring in music must accrue four credit hours in ensembles drawn from MUSC 211, MUSC 212, MUSC 213 (<https://catalog.unc.edu/search/?P=MUSC%20213>), and/or MUSC 214 (<https://catalog.unc.edu/search/?P=MUSC%20214>). B.Mus. candidates must accrue eight credit hours chosen from MUSC 211 and/or MUSC 212. MUSC 214 (<https://catalog.unc.edu/search/?P=MUSC%20214>) may also be selected pursuant to area needs and preferences, or by approval of the director of undergraduate studies.

B.A. candidates majoring in music may count no more than three additional hours from MUSC 211–MUSC 214 towards their degree for music. They may count as credit hours for graduation, subject to the overall limit on music hours. Candidates for the B.Mus. may count no more than six additional hours from MUSC 211–MUSC 214 towards their degree for music. They may count as credit hours for graduation, subject to the overall limit on music hours.

B.A. students whose primary instrument is piano will normally fulfill the ensemble requirement by taking one semester of large ensemble (MUSC 211) in addition to the three-semester piano ensemble sequence (Piano Ensemble I: Piano Duet; Piano Ensemble II: Vocal Accompanying; Piano Ensemble II: Instrumental Accompanying).

B.Mus. students whose primary instrument is piano will normally take at least one semester of large ensemble (MUSC 211) and the three-semester piano ensemble sequence (Piano Ensemble I: Piano Duet; Piano Ensemble II: Vocal Accompanying; Piano Ensemble II: Instrumental Accompanying). The rest of the ensemble requirement will be fulfilled

by way of additional semesters of MUSC 211 (which may include Collaborative Piano) or MUSC 214.

Students should check with the appropriate ensemble director for more information concerning requirements and procedures for the auditions, which are typically held during the first week of each semester. Ensemble directors are listed on the department's website (<http://music.unc.edu/undergraduate/ensembles/>). The department offers the following ensembles, most of which meet the ensemble or elective requirements for the music major:

Baroque Ensemble/Viol Consort	Marching Band
Bluegrass Band	New Music Ensemble
Brass Chamber Music Ensembles	Pep Band
Carolina Choir	Percussion Ensemble
Chamber Singers	Piano Ensembles
Charanga Carolina	String Chamber Ensembles
Gamelan	Symphony Band
Glee Club (soprano/alto voices)	Symphony Orchestra
Glee Club (tenor/bass voices)	UNC Opera
Global Rhythms	University Band
Guitar Ensemble	University Chamber Players
Hip Hop Ensemble	Wind Ensemble
Jazz Band	Woodwind Chamber Ensemble
Jazz Combos	

## Advising

All majors and minors have an academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their academic advisor and review their Tar Heel Tracker each semester. In addition, the department's advisory team and the director of undergraduate studies work with current and prospective music majors individually by appointment (see contact information above). Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<http://music.unc.edu/>).

### Majors

- Music Major, B.A. (p. 720)
- Music Major, Bachelor of Music (B.Mus.) (p. 724)

### Minor

- Music Minor (p. 729)
- Musical Theatre Performance Minor (p. 363)

### Graduate Programs

- M.A. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)

## Professors

Stephen Anderson, Naomi André, Mark Evan Bonds, Annegret Fauser, Evan Feldman, David Garcia, Tonu Kalam, Mark Katz, Susan Klebanow, Stefan Litwin, Jocelyn Neal, Donald L. Oehler, Brent S. Wissick.

## Associate Professors

Juan Álamo, Andrea Bohlman, Nicholas DiEugenio, Michael Figueroa, Anne MacNeil, Lee Weisert, Clara Yang.

## Assistant Professors

Rahsaan Barber, Aaron Marcus, LaToya Lain.

## Director of University Bands

Jeffrey Fuchs.

## Assistant Director of Athletic Bands

Erin Cooper.

## Teaching Professors

Jeanne Fischer, Michael Kris.

## Teaching Assistant Professors

Maya Shipman (Professionally Known as Suzi Analogue), William Stewart.

## Lecturers

Laura Alexander, LaSaundra Booth, Laura Byrne, John Caldwell, Daniel Collins, Dan Davis, Simon Ertz, Leonid Finkelshteyn, Jason Foureman, Keith Ganz, Samuel Gold, Tatiana Hargreaves, Lori Hicks, Russell Johnson, Jessica Kunttu, Anna Lampidis, Melissa Martin, Paul Neebe, Rachel Niketopoulos, Heidi Radtke, Gabriel Richard, Teddy Robie, Stephen Saviola, Hank Smith, Mimi Solomon, Timothy Sparks, Laura Stevens, Pablo Vega, Stephanie Vial, Ken Weiss, Jacqueline Wolborsky.

## Professors Emeriti

Allen Anderson, Timothy Carter, Jon W. Finson, Lynn Glasscock, Daniel Huff, James E. Ketch, James Moeser, John L. Nádas, Severine Neff, Thomas Otten, Terry Rhodes, Thomas Warburton, Brooks de Wetter-Smith, Ann Woodward.

The Department of Music provides the opportunity for any student to engage broadly with music. An ability to read standard musical notation is not normally required to complete the following courses: MUSC 51–MUSC 65, MUSC 89, MUSC 121, MUSC 141–MUSC 148, MUSC 155–MUSC 158, MUSC 164, MUSC 188, MUSC 240, MUSC 248, MUSC 280–MUSC 294. Numerous courses in music also fulfill Approaches and Connections requirements; see General Education requirements or ConnectCarolina for more information.

## MUSC—Music

### Undergraduate-level Courses

#### MUSC 51. First-Year Seminar: The Interplay of Music and Physics. 3 Credits.

How sound is produced in instruments, and how those sounds are used in music making. Wave motion, resonance, sound perception, scales, harmony, and music theory. Collaborative laboratory exercises to investigate the acoustics of string, woodwind, and brass instruments as well as study of the physics of keyboard and percussion instruments. Students will make instruments from found objects and perform compositions on them, and can pursue their areas of special interest in a research paper.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-AESTH or FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** PHYS 51.

#### MUSC 52. First-Year Seminar: Building a Nation: The Stage Musicals of Rodgers and Hammerstein, 1942-1949. 3 Credits.

Oklahoma!, Carousel, and South Pacific in their political, social, and cultural contexts.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

#### MUSC 53. First-Year Seminar: Rock 'n' Roll: The First Wave, 1955-1964. 3 Credits.

A sociomusical study of rock 'n' roll in its first decades.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### MUSC 54. First-Year Seminar: Music and Magic. 3 Credits.

The perceived and actual relationships between music and magic in a range of historical periods.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** VP, CI.

**Grading Status:** Letter grade.

#### MUSC 55H. First-Year Seminar: A Love Affair in Renaissance Drama and Music. 3 Credits.

Music and drama in Renaissance plays within the pastoral tradition.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA, CI, WB.

**Grading Status:** Letter grade.

#### MUSC 56. First-Year Seminar: Early-Modern Court Spectacle. 3 Credits.

Music and spectacle in the late medieval, Renaissance, and baroque courts of Europe.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** HS, CI, WB.

**Grading Status:** Letter grade.

#### MUSC 57. First-Year Seminar: Music and Drama: Verdi's Operas and Italian Romanticism. 3 Credits.

Textual and musical analysis of Verdi's operas (libretto and score) in their sociohistorical contexts.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA, CI, WB.

**Grading Status:** Letter grade.

#### MUSC 58. First-Year Seminar: Music in Motion: American Popular Music and Dance. 3 Credits.

The relationship and interplay between musical genres and social dance in different communities and eras.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

#### MUSC 59. First-Year Seminar: 20th-Century Music and Visual Art. 3 Credits.

The relationship between music and the visual arts in the modernist and postmodernist periods viewed in their historical contexts.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** HS, CI.

**Grading Status:** Letter grade.

#### MUSC 60H. First-Year Seminar: American Literature and Its Music. 3 Credits.

Music in, and musical settings of, American literature of the Romantic, modern, and postmodern periods.

##### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

#### MUSC 61H. First-Year Seminar: Reverberations. 3 Credits.


Musical crossovers in world musics and societies.

##### Rules & Requirements


 IDEAs in Action Gen Ed: FY-SEMINAR.


**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

 **MUSC 62. First-Year Seminar: Vienna: City of Dreams. 3 Credits.**  
Vienna in the early 1900s as a locus for modernism. Honors version available.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** HS, CI.  
**Grading Status:** Letter grade.

 **MUSC 63. First-Year Seminar: Music on Stage and Screen. 3 Credits.**

Offers tools and techniques for understanding multimedia, staged musical works like opera, musical theater, and film. The goal of the seminar is to develop students' analytical skills in verbal and nonverbal media and to encourage their visualization of the potential and implications of artistic forms and structures. Honors version available.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** VP, CI.  
**Grading Status:** Letter grade.

 **MUSC 64. First-Year Seminar: What is a Work of Art? Listening to Music. 3 Credits.**

Musical aesthetics, musical works, and the nature of musical art.


**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** VP, CI, NA.  
**Grading Status:** Letter grade.

 **MUSC 65. First-Year Seminar: Music and Culture: Understanding the World through Music. 3 Credits.**

This seminar focuses on the variety of performances presented by Carolina Performing Arts at Memorial Hall. Through attendance at performances and through research on the performing artists and the works being performed, students explore questions such as, How does music reflect culture? How does the culture shape the art form?


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** VP, NA.  
**Grading Status:** Letter grade.

 **MUSC 66. First-Year Seminar: A Course in Digital Humanities and Multimedia. 3 Credits.**

Bring your own research ideas and learn how to design digital projects for them, including creating visualizations and audio widgets. Learn how to write grant applications for digital humanities, and explore virtual reality projects. Visit the immersion cave at NC State, talk with researchers at Duke's Wired! Lab, and work with programmers at UNC's own Digital Innovation Lab. This class has a particular focus on digital humanities, acoustics, and sound. Honors version available.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** VP, EE- Mentored Research.  
**Grading Status:** Letter grade.

 **MUSC 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

**MUSC 100. Individual Keyboard Lessons. 0.5-1 Credits.**

Individual lessons in piano, organ, or harpsichord. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.  
**Grading Status:** Letter grade.

**MUSC 102. Individual Voice Lessons. 0.5-1 Credits.**

Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.  
**Grading Status:** Letter grade.

**MUSC 103. Individual String Lessons. 0.5-1 Credits.**

Individual lessons in violin, viola, cello, string bass, harp, guitar, banjo, or mandolin. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.  
**Grading Status:** Letter grade.

**MUSC 104. Individual Woodwind Lessons. 0.5-1 Credits.**

Individual lessons in flute, oboe, clarinet, saxophone, bassoon, or recorder. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.  
**Grading Status:** Letter grade.

**MUSC 105. Individual Brass Lessons. 0.5-1 Credits.**

Individual lessons in horn, trumpet, trombone, tuba, or euphonium. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.  
**Grading Status:** Letter grade.

**MUSC 106. Individual Percussion Lessons. 0.5-1 Credits.**

Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.  
**Grading Status:** Letter grade.

**MUSC 107. Applied Instruction. 0.5-1 Credits.**

Group or individual instruction in a specified instrument offered by the department. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.  
**Grading Status:** Letter grade.

**MUSC 110. Group Lessons in Piano. 1 Credits.**

Beginning group piano for minors and nonmajors, including introduction to reading from score. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**MUSC 111. Group Lessons in Voice. 1 Credits.**

Beginning and intermediate group lessons for minors and nonmajors. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**MUSC 112. Group Lessons in Strings. 1 Credits.**

Group lessons in violin, viola, cello, string bass, or guitar. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**MUSC 113. Group Lessons in Woodwinds. 1 Credits.**

Group lessons in flute, oboe, clarinet, saxophone, bassoon, or recorder. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**MUSC 114. Group Lessons in Brass. 1 Credits.**

Group lessons in horn, trumpet, trombone, tuba, or euphonium. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**MUSC 115. Group Lessons in Percussion. 1 Credits.**

Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**MUSC 120. Foundations in Music. 3 Credits.**

An introduction to concepts and methods fundamental to the study, practice, and performance of music. The course provides a foundation for undergraduate students interested in the study of music. Students will gain an appreciation for music's significance across repertoires and develop the aptitude to think about music in different ways. Intended for music majors and minors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections).

**Grading Status:** Letter grade.

**MUSC 121. Fundamentals of Tonal Music I. 3 Credits.**

Notational and theoretical materials of tonal music, with musicianship skills developed. Intended for the nonmajor who wishes to learn to express musical ideas in clear, correct notational form.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**MUSC 122. Fundamentals of Music II. 3 Credits.**

A continuation of MUSC 121 with the addition of basic instrumentation and arranging.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 121.

**Grading Status:** Letter grade.

**MUSC 123. Diction for Singers I (English/Italian). 1 Credits.**

Basic principles of diction for singers in English/Italian presented through the use of the International Phonetic Alphabet.

**Rules & Requirements**

**Requisites:** Corequisite, MUSC 202.

**Grading Status:** Letter grade.

**MUSC 124. Diction for Singers II (French). 1 Credits.**

Basic principles of diction and the International Phonetic Alphabet for singers in French.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 123.

**Grading Status:** Letter grade.

**MUSC 125. Diction for Singers III (German). 1 Credits.**

Basic principles of diction and the International Phonetic Alphabet for singers in German.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 123.

**Grading Status:** Letter grade.

**MUSC 128. Improvisation Without Borders. 1 Credits.**

This course is an introductory exploration of musical improvisation in non-style specific sound environments. An emphasis will be placed on learning through hands-on performance with one's instrument, voice, and/or computer.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MUSC 129. Aural-based Musicianship. 1 Credits.**

This course is a study in ear-based performance and analysis, and engages with topics from applied music cognition. This course does not rely on conventional Western "five-line staff" musical notation.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 128.

**Grading Status:** Letter grade.

**MUSC 130. Tonal Musicianship Skills I. 1 Credits.**

Basic tonal musicianship skills, including music notation, basic composition, score analysis, keyboard, sight singing, and ear training.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 128; Corequisite, MUSC 131.

**Grading Status:** Letter grade.

**MUSC 131. Tonal Theory I. 3 Credits.**

Enrollment subject to a placement test. An introduction to tonal music theory and analysis for students who intend to pursue a music degree. Course covers basic principles of melody, counterpoint, rhythm, and meter. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, QI.

**Requisites:** Corequisite, MUSC 130.

**Grading Status:** Letter grade.

**MUSC 132. Tonal Theory II. 3 Credits.**

A continuation of MUSC 131, covering more advanced topics of melody, harmony, counterpoint, rhythm, meter, and form. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, MUSC 131; prerequisite requires a grade of C or better.

**Grading Status:** Letter grade.

**MUSC 133. Tonal Musicianship Skills II. 1 Credits.**

A continuation of MUSC 130, with emphasis on intermediate-level musicianship skills.

**Rules & Requirements**

**Requisites:** Prerequisites, MUSC 130 and 131; co-requisite, MUSC 132.

**Grading Status:** Letter grade.

**MUSC 135. Jazz Theory. 3 Credits.**

An introduction to the musical materials of jazz, including chord/scale relationships, functional keyboard skills, and harmonic analysis.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MUSC 136. Keyboard Skills I. 1 Credits.**

Beginning group piano instruction for music majors.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MUSC 137. Patterns in Music. 3 Credits.**

This course provides an introduction to music theory—defined as an examination of the underlying patterns deployed by composers, performers, and listeners in creating and comprehending music within a style—for students whose background is primarily aural and/or outside of the notational practices of Western art music or who want to undertake a study of music theory from that perspective.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Grading Status:** Letter grade.

**MUSC 141. Survey of Western Music History. 3 Credits.**

A chronological survey of the history of Western art music from the Middle Ages to the present. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**MUSC 142. Great Musical Works. 3 Credits.**

The study of selected works from the Western art tradition, with an emphasis on critical understanding. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**MUSC 143. Introduction to Rock Music. 3 Credits.**

A survey of rock music history, culture, and musical styles. The course includes extensive listening and an overview of the music's development and evolution.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**MUSC 144. Introduction to Country Music. 3 Credits.**

A survey and investigation of country music from 1920 to the present. This course addresses the music, history, culture, and meaning, across a broad and inclusive of styles, with, with emphasis on critical listening.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**MUSC 145. Introduction to Jazz. 3 Credits.**

A survey of jazz music from its origins to the present. The course builds skills in critical listening and blends discussion of musical materials and historical and cultural contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA, US.

**Grading Status:** Letter grade.

**MUSC 146. Introduction to World Musics. 3 Credits.**

The study of music in and as culture. Topics may include the performance cultures of Native America, south Asia, Australia, Africa, east Asia, Southeast Asia, Europe, and the Americas.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**MUSC 147. Introduction to the Music of the Americas. 3 Credits.**

An introduction to contemporary Latin(o) American popular music, focusing on how musicians have negotiated an increasingly global popular culture industry.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** VP, GL.

**Grading Status:** Letter grade.



 **MUSC 148. Introduction to Black Music. 3 Credits.**

An introduction to black musical cultures with a focus on understanding how music is made within social, geographical, and political contexts. The course includes experiential learning, live concert attendance, and conversations with practicing musicians in various musical traditions.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-AESTH.**Making Connections Gen Ed:** VP, US.**Grading Status:** Letter grade. **MUSC 149. Introduction to Music and Dance. 3 Credits.**

Music and dance as human expression, social ritual, and artistic performance across a wide range of repertoires, practices, and historical periods.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-AESTH.**Grading Status:** Letter grade. **MUSC 151. Introduction to the American Stage Musical. 3 Credits.**

A topical survey of musical theater repertoire from its early inception in 18th-century Europe to current 21st-century incarnations. Various stylistic approaches, historical periods, and creative contributions to the genre will be explored. Examination of case studies through diverse perspectives of class, gender and race will situate the repertoire in a broad artistic and social context.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-AESTH.**Grading Status:** Letter grade.**Same as:** DRAM 151.**MUSC 155. The Art and Culture of the DJ. 3 Credits.**

An exploration of the important, often misunderstood role of the DJ in modern musical life, with particular attention to the ways in which DJing challenges traditional notions of music, musicianship, and musical instruments. Guest lectures, demonstrations, and tutorials by visiting DJs form a significant component of the course.

**Rules & Requirements****Making Connections Gen Ed:** VP.**Grading Status:** Letter grade.**MUSC 156. Beat Making Lab. 3 Credits.**

An introductory hands-on study of the composition of electronic instrumental tracks for hip-hop and dance music. Students make beats, learn about the history and culture of the art form, and examine beat making as a case study in entrepreneurship.

**Rules & Requirements****Making Connections Gen Ed:** VP.**Grading Status:** Letter grade.**MUSC 157. Rap Lab. 3 Credits.**

A hands-on study of the art of emceeing. Students engage in a rigorous lyricism curriculum, developing the skills to write, recite, and improvise lyrics in live and recorded settings. Students also explore the history of hip-hop culture and analyze the aesthetics of emcees from around the world.

**Rules & Requirements****Making Connections Gen Ed:** VP.**Grading Status:** Letter grade.**MUSC 158. Rock Lab. 3 Credits.**

An introduction to issues of performance practice in rock music and related styles and genres including, but not limited to, soul, funk, new wave, and punk. Through intensive coaching and rehearsal students learn performance, transcription, arranging, and improvisation.

**Rules & Requirements****Making Connections Gen Ed:** VP.**Grading Status:** Letter grade.**MUSC 161. Music Production I. 3 Credits.**

An in-depth study of vintage and modern music production techniques for jazz, classical, hip-hop, R&B, rock EDM, folk, and other popular forms of music. A focus on digital and analog recording, Pro Tools, and other DAW software basics, microphone techniques, consoles, signal flow, mixing and mastering techniques.

**Rules & Requirements****Grading Status:** Letter grade.**MUSC 163. Jazz Improvisation I. 3 Credits.**

An introductory course in the development of improvisational skills for the jazz idiom. The primary focus is the introduction of nomenclature, the development of basic jazz vocabulary, and the application of this knowledge using basic jazz tune types.

**Rules & Requirements****Requisites:** Prerequisite, MUSC 135.**Grading Status:** Letter grade. **MUSC 164. Music of South Asia. 3 Credits.**

This course provides a comprehensive overview of the music of South Asia, focusing on India, Pakistan, and Bangladesh. The entire spectrum of musical genres will be covered.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.**Making Connections Gen Ed:** VP, BN.**Grading Status:** Letter grade.**Same as:** ASIA 164.**MUSC 166. Introduction to Composition. 3 Credits.**

The study of compositional techniques and the development of individual creative styles through imitative and original writing.

**Rules & Requirements****Requisites:** Prerequisite, MUSC 131.**Grading Status:** Letter grade.**MUSC 167. Instrumentation. 3 Credits.**

Practical exercises in scoring and arranging for various combinations from single instrumental choirs to full concert orchestra, with trial group performances.

**Rules & Requirements****Requisites:** Prerequisite, MUSC 131.**Grading Status:** Letter grade.**MUSC 168. Basic Conducting. 3 Credits.**

Basic conducting techniques, score reading, and music performance evaluation for choral and instrumental groups.

**Rules & Requirements****Requisites:** Prerequisite, MUSC 131.**Grading Status:** Letter grade.

**MUSC 188. Introduction to Women and Music. 3 Credits.**

The role of women in performance, composition, patronage, and the music business across a wide range of repertoires.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, GL, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 188.

**MUSC 200. Advanced Individual Lessons in Keyboard. 2 Credits.**

Advanced individual lessons in piano, organ, or harpsichord. Sections by instructor. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**MUSC 202. Advanced Individual Lessons in Voice. 2 Credits.**

Sections by instructor. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**MUSC 203. Advanced Individual Lessons in Strings. 2 Credits.**

Advanced individual lessons in violin, viola, cello, string bass, harp, or guitar. Sections by instructor. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**MUSC 204. Advanced Individual Lessons in Woodwinds. 2 Credits.**

Advanced individual lessons in flute, oboe, clarinet, saxophone, or bassoon. Sections by instructor. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**MUSC 205. Advanced Individual Lessons in Brass. 2 Credits.**

Advanced individual lessons in horn, trumpet, trombone, tuba, or euphonium. Sections by instructor. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**MUSC 206. Advanced Individual Lessons in Percussion. 2 Credits.**

Sections by instructor. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**MUSC 207. Advanced Applied Instruction. 2 Credits.**

Advanced instruction in a specified instrument offered by the department. Sections by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit.

**Grading Status:** Letter grade.

**MUSC 211. Ensemble I. 1 Credits.**

Sections by ensemble: Symphony Orchestra, Wind Ensemble, Symphony Band, Carolina Choir, Chamber Singers, Glee Club (tenor/bass voices), Glee Club (soprano/alto voices), Piano Ensemble I, Piano Ensemble II, Collaborative Piano, Guitar Ensemble, Jazz Band.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**MUSC 212. Ensemble II. 1 Credits.**

Sections by ensemble: UNC Opera, Percussion Ensemble, Gamelan, Charanga Carolina, Global Rhythms, Bluegrass Band.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**MUSC 213. Ensemble III. 1 Credits.**

Sections by ensemble: Marching/ Pep Band, Jazz Lab Band, Chamber Orchestra, University Band.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**MUSC 214. Chamber Music. 1 Credits.**

Sections by ensemble: University Chamber Players, String Chamber Ensembles, Woodwind Chamber Ensembles, Brass Chamber Ensembles, Piano Chamber Ensembles, Jazz Combos, Baroque Ensemble/Viol Consort, New Music Ensemble. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**MUSC 223. Piano Literature. 3 Credits.**

Survey of keyboard literature from the Baroque era to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, MUSC 121 or 131.

**Grading Status:** Letter grade.

**MUSC 224. Piano Pedagogy. 3 Credits.**

Problems, materials, and methods of teaching piano to students of all ages.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 100 or 200.

**Grading Status:** Letter grade.

**MUSC 225. Vocal Pedagogy. 3 Credits.**

Practical methodology for teaching voice to students of all experience levels. Topics covered include anatomy, historical pedagogy, national vocal teaching styles, and current trends in voice science.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 102 or 202.

**Grading Status:** Letter grade.

**MUSC 226. Woodwinds, Brass, Percussion, and Strings Techniques. 3 Credits.**

Primarily for students pursuing teacher licensure. An introduction to basic performance skills on representative woodwind, brass, percussion, and string instruments.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MUSC 227. Keyboard, Vocal, and Elementary Music Techniques. 3 Credits.**

Primarily for students pursuing teacher licensure. An introduction to basic performance skills in voice and piano, and approaches to teaching elementary music.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MUSC 228. Principles of Teaching Music. 3 Credits.**

A continuation of MUSC 226 and 227, allowing students the opportunity to develop further performance skills and pedagogical techniques in music education. Offered in sections: instrumental, vocal, strings.

**Rules & Requirements**

**Requisites:** Prerequisites, MUSC 226 and 227.

**Grading Status:** Letter grade.

**MUSC 230. Tonal Musicianship Skills III. 1 Credits.**

A continuation of MUSC 133, with emphasis on intermediate- to advanced-level musicianship skills.

**Rules & Requirements**

**Requisites:** Prerequisites, MUSC 132 and 133; co-requisite, MUSC 232.

**Grading Status:** Letter grade.

**MUSC 232. Theory III. 3 Credits.**

A continuation of MUSC 132, covering topics including chromatic harmony and form. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Requisites:** Prerequisite, MUSC 132; prerequisite requires a grade of C or better.

**Grading Status:** Letter grade.

**MUSC 233. Studies in Performance Practices. 3 Credits.**

The study of vocal and instrumental performances practices in specific periods and repertoires.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 254.

**Grading Status:** Letter grade.

 **MUSC 234. World Musics in Theory and Practice. 3 Credits.**

Through the use of various ethnomusicological methodologies, students explore a range of non-Western musical systems in their cultural contexts. Topics of study may include aesthetic theories, cultural meaning, and conflict.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**MUSC 236. Keyboard Skills II. 1 Credits.**

Continues group piano instruction for music majors begun in MUSC 136.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 136.

**Grading Status:** Letter grade.

**MUSC 239. Introduction to Music Technology. 3 Credits.**

A practical study of selected aspects of computerized music technology, including one or more of music-notation software, MIDI sequencing, digital sound production and storage, and computer composition.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MUSC 240. Performance in Southeast Asia: Gongs, Punks, and Shadow Plays. 3 Credits.**

The study and comparison of contemporary Southeast Asian performance genres (music, theatre, dance, ritual) in historical and cultural contexts.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 240.

**MUSC 245. Dance in Indonesia. 3 Credits.**

This course is concerned with the performance and interpretation of Indonesian dance. It covers three areas of study: practical learning of traditional Indonesian dance repertoire, theoretical analyses and interpretation, and learning the music accompanying the dance.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisite, MUSC 146.

**Grading Status:** Letter grade.

 **MUSC 248. Gender on the Musical Stage. 3 Credits.**

An exploration of gender on the musical stage in the past and present, with an emphasis on female-identified creators and characters, onstage and behind the scenes.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**Same as:** WGST 248.

 **MUSC 251. Studies in Medieval and Early Modern Music. 3 Credits.**  
The study of music in its historical and cultural contexts in the medieval and early modern eras. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE or FC-GLOBAL.

**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

**MUSC 254. Studies in Music History I, Antiquity to 1750. 3 Credits.**  
A survey of music's development from antiquity to 1750, in its stylistic, geographical, political, social, and cultural contexts.

**Rules & Requirements**

**Making Connections Gen Ed:** WB.

**Requisites:** Prerequisite, MUSC 131; Permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **MUSC 255. Studies in Music History II, 1750 to the Present. 3 Credits.**

A continuation of MUSC 254, surveying music of the period since 1750 in its stylistic, geographical, political, social, and cultural contexts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Requisites:** Prerequisites, MUSC 132 and 254; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

 **MUSC 258. Musical Movements: Migration, Exile, and Diaspora. 3 Credits.**

The musical results of migrations of all types, voluntary or forced, by way of case studies drawn from historical and/or contemporary musics of Africa, the Americas, Asia, and Europe.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**MUSC 261. Music Production II. 3 Credits.**

As a continuation of MUSC 161, this course will include more advanced techniques in mixing, mastering, and music production. Listening and ear training with practical exercises will be explored. The work of notable engineers and producers will be looked at with an ear towards their production values and critical listening of the material.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MUSC 263. Jazz Improvisation II. 3 Credits.**

Continuation of MUSC 163, examining more advanced improvisational techniques, harmonic materials, and compositional tune types.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 163.

**Grading Status:** Letter grade.

**MUSC 265. Jazz Composition and Arranging. 3 Credits.**

Composing and arranging for small- and large-group jazz ensembles.

**Rules & Requirements**

**Requisites:** Prerequisites, MUSC 135 and 163.

**Grading Status:** Letter grade.

 **MUSC 266. Composition. 3 Credits.**

May be repeated for credit. Original compositions in various forms.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisite, MUSC 166.

**Repeat Rules:** May be repeated for credit.

**Grading Status:** Letter grade.

**MUSC 267. Orchestration. 3 Credits.**

Practical orchestral scoring with emphasis on understanding and imitating historical styles from Mozart through Ravel.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 167.

**Grading Status:** Letter grade.

 **MUSC 269. Music in the Community. 3 Credits.**

Connecting academic inquiry in community music with an experiential project in the making, organization, or documentation of music locally.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

 **MUSC 270. Critical Approaches to Music: Object Lessons. 3 Credits.**

Critical approaches to the study of music through a variety of research approaches and sources, both visual and oral, examining meaning, expression, and values through close analysis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, MUSC 120.

**Grading Status:** Letter grade.

 **MUSC 271. Critical Approaches to Music: Critical Moves. 3 Credits.**

Critical approaches to understanding music as a human activity, including questions of embodiment, dis/ability, difference, and power through a variety of research approaches and sources, both visual and oral.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisites, MUSC 120 and 270.

**Grading Status:** Letter grade.

**MUSC 280. Jazz Innovators. 3 Credits.**

Musical, historical, cultural, and social issues in jazz studied through the examination of innovative and influential jazz artists.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**MUSC 281. Popular Song in American Culture. 3 Credits.**

The relationship between popular song and culture in American society is explored by focusing on an important historical repertoire or interpretive theme.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**MUSC 282. Bach and Handel. 3 Credits.**

The culmination of baroque music, emphasizing Bach's cantatas, concertos, organ music, and instrumental music, and Handel's oratorios and operas, all in their cultural contexts. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**MUSC 283. Haydn and Mozart. 3 Credits.**

The high point in Viennese music of the late 18th century, emphasizing Haydn's symphonies and quartets, and Mozart's operas and piano concertos. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**MUSC 284. Beethoven and His Era. 3 Credits.**

Beethoven's music will be studied in the context of social structures and concepts about artists during his lifetime. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**MUSC 285. Musical Modernism. 3 Credits.**

A study of the work of diverse composers characteristic of music since ca. 1880 viewed in their broader artistic and other contexts. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

 **MUSC 286. Music as Culture. 3 Credits.**

May be repeated for credit if on a different topic. Music in the framework of its social, political, economic, and cultural contexts. Honors version available.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **MUSC 287. Opera as Drama. 3 Credits.**

An introduction to music as related to drama, especially the development of opera and related genres. Study of selected works from different periods and styles. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**MUSC 288. The Orchestra and Its Music. 3 Credits.**

Study of the symphony orchestra, its instruments, and its historical development from the mid-18th century to the present, and the music it plays, including selected works in a variety of styles. May not count toward the requirements of the music major. May count as credit hours toward graduation, subject to the overall limit on music hours.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**MUSC 289. Sounds of War and Revolution. 3 Credits.**

Music's roles in war and revolution within various political, social, and cultural contexts. Part of the cluster "War, Revolution and Culture-Transatlantic Perspectives, 1750-1850."

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 289.

 **MUSC 291. Music and Politics. 3 Credits.**

The relationship between music and politics studied through a global range of historical and geographical contexts. The course covers specific musical and political manifestations as well as theoretical approaches to the issue.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**MUSC 292. Media and Social Change in Africa. 3 Credits.**

The historical and ongoing tradition of protest by African artists with particular focus on the aesthetics, politics, and geography of innovative grassroots movements on the African continent that effect social change through music and film.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**MUSC 294. Bluegrass Music, Culture, and History. 3 Credits.**

The history, culture, musical sound, and practice of bluegrass music, with an intensive focus on critical listening. Covers significant performers, musical styles, and both fan and performance culture and meaning.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**MUSC 296. Special Studies for Undergraduates. 1-3 Credits.**

Available only to music majors by permission of the director of undergraduate studies. Intensive study on a particular topic under faculty supervision.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**MUSC 300. Advanced Keyboard Lessons and Recital. 3 Credits.**

Advanced individual keyboard lessons leading to a public recital.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Requisites:** Prerequisite, MUSC 200.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 302. Advanced Voice Lessons and Recital. 3 Credits.**

Advanced individual voice lessons leading to a public recital. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Requisites:** Prerequisite, MUSC 202.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 303. Advanced String Lessons and Recital. 3 Credits.**

Advanced individual string lessons leading to a public recital. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Requisites:** Prerequisite, MUSC 203.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 304. Advanced Woodwind Lessons and Recital. 3 Credits.**

Advanced individual woodwind lessons leading to a public recital. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Requisites:** Prerequisite, MUSC 204.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 305. Advanced Brass Lessons and Recital. 3 Credits.**

Advanced individual brass lessons leading to a public recital. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Requisites:** Prerequisite, MUSC 205.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 306. Advanced Percussion Lessons and Recital. 3 Credits.**

Advanced individual percussion lessons leading to a public recital. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Requisites:** Prerequisite, MUSC 206.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 307. Advanced Composition/Recital. 3 Credits.**

This course is conceived as a culminating project that showcases a student's original musical compositions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, HI-PERFORM.

**Requisites:** Prerequisite, MUSC 266.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 308. Intermediate Lessons in Conducting. 3 Credits.**

Intermediate conducting for instrumental or vocal ensembles.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 168.

**Grading Status:** Letter grade.

**MUSC 309. Advanced Lessons in Conducting. 3 Credits.**

May be repeated for up to six hours of credit. Advanced conducting for instrumental or choral ensembles.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 308.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 330. Advanced Study in Music Theory. 3 Credits.**

This course will address a particular issue in music theory as it pertains to a genre, repertoire, composer, questions of harmony, rhythm, form or musical structure in Western, non-Western, jazz, or popular musics. Subject matter will vary with instructor. May be repeated for credit if on a different topic. Permission of instructor required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 331. Musical Form and Analysis. 3 Credits.**

The study of analytical techniques as applied to significant works of the period.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 232; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**MUSC 332. Counterpoint. 3 Credits.**

The study of two-, three-, and four-voice counterpoint, for example in the style of Palestrina, Bach, or 20th-century idioms.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 232; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**MUSC 333. Analysis of Popular Music. 3 Credits.**

Analysis and transcription of blues, rock, ballads, and jazz, with an emphasis on rock music since 1955.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 232; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**MUSC 338. Analysis of Music since 1900. 3 Credits.**

The study of analytical techniques as applied to significant works of the period.

**Rules & Requirements**

**Requisites:** Prerequisite, MUSC 232; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**MUSC 351. Critical Approaches to Music: Guided Research. 3 Credits.**

An intensive research-based course resulting in an original paper and/or creative work on a topic of the student's own development and presentation of the same.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisites, MUSC 120, 270 and 271.

**Grading Status:** Letter grade.

**MUSC 355. History and Culture of Music. 3 Credits.**

Course will address a particular genre, composer, compositional issue, or repertoire, including non-Western and popular musics. Subject matter will vary with the instructor. May be repeated for credit if on a different topic. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, MUSC 254.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 363. Studies in Jazz. 3 Credits.**

May be repeated for credit if on a different topic. Advanced study on a selected topic in jazz. Topics will vary and may address a particular genre, composer, performance practice, compositional issue, or repertoire.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MUSC 364. UNC Summer Jazz Workshop. 3 Credits.**

Lectures on theory and improvisation, small ensemble coaching, and instrument-specific master classes in a classroom/lecture format. Intensive listening component through required attendance at four evening concerts. Final public student concert for a community audience. Can be repeated for credit.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**MUSC 381. Inside the Song: Analysis of Songcraft. 3 Credits.**

Explore the form, structure, and narrative in American popular song during the era of recorded sound. Students will analyze the elements of different songs – melody, lyrics, harmony, musical arrangement, form, and structure. Students will write songs using different models and forms. Familiarity with basic chords and melodies expected.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**MUSC 390. Seminar in Music. 3 Credits.**

Detailed investigation of a specific musical topic from historical and/or theoretical perspectives. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### MUSC 471. Instrumental Performance Repertory. 3 Credits.

Advanced study of selected performance issues.

#### Rules & Requirements

**Making Connections Gen Ed:** EE- Performing Arts.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

### MUSC 493. Music Internship. 3 Credits.

Permission of the director of undergraduate studies. Internship directly related to the study, practice, or the business of music. Students must complete at least 100 hours and submit a journal and report upon completion of the internship. No more than three credit hours may count toward the requirements of the music major. Excess hours may count as credit hours toward graduation, subject to the overall limit on music hours.

#### Rules & Requirements

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Performing Arts.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

### MUSC 676. Digital Media and Live Performance. 3 Credits.

Permission of the instructor for undergraduates. Intended for students from various majors, this course provides a foundation in the history, theory, and practice of developing live, technologically-intensive, multimedia performance works. The course analyzes new media masterworks, addresses techniques of interdisciplinary collaboration, and offers workshops in specific software/technology applications.

#### Rules & Requirements

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** COMM 676.

### MUSC 691H. Senior Honors Thesis in Music I. 3 Credits.

Admission by permission of the honors advisor. Independent study by a student who has been designated a candidate for undergraduate honors in music.

#### Rules & Requirements

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

### MUSC 692H. Senior Honors Thesis in Music II. 3 Credits.

Continuance and completion of an honors thesis in music.

#### Rules & Requirements

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, MUSC 691H.

**Grading Status:** Letter grade.

## Contact Information

### Department of Music

Visit Program Website (<http://music.unc.edu>)

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## Music Major, B.A.

The Department of Music provides many opportunities to students who wish to study music within a strong liberal arts curriculum. We foster creative endeavor and critical inquiry through courses, ensembles, and lessons on instruments or voice that explore music from a variety of perspectives.

The B.A. requires at least 35 credit hours in music and at least 75 outside the major, with 120 total credit hours in the degree. Given the ample opportunity to explore the breadth of the University's course offerings, many B.A. candidates seek minors in other fields or take on a second major.

## Student Learning Outcomes

Upon completion of the music program (B.A.), students should be able to:

- Acquire sufficient technical capabilities to be able to perform expressively — on an instrument or the voice — appropriate repertoire for the area in which they are studying
- Show proficiency in the materials and language of music for purposes of analysis and evaluation
- Be aware of the connection between general culture and history and the musical works that come from composers of particular times and places
- Demonstrate the ability to perform successfully in individual, small-, and large-ensemble performance and have a working familiarity with repertoire for solo or ensemble performance

## Requirements








In addition to the program requirements, students must




- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Courses listed more than once can be counted for only one category.

Code	Title	Hours
<b>Core Requirements</b>		
Foundations:		
MUSC 120	 Foundations in Music <sup>F</sup>	3
Musicianship:		
MUSC 128	Improvisation Without Borders	1
One additional course (one hour), chosen from:		
MUSC 129	Aural-based Musicianship	1
MUSC 130	Tonal Musicianship Skills I	1
Music theory (six hours), two of:		
MUSC 131	Tonal Theory I (requires a grade of C or better) <sup>H</sup>	6
MUSC 132	 Tonal Theory II <sup>H</sup>	6
MUSC 135	Jazz Theory	6
MUSC 137	 Patterns in Music	6
MUSC 156	Beat Making Lab	6
MUSC 166	Introduction to Composition	6
MUSC 234	 World Musics in Theory and Practice	6
MUSC 381	Inside the Song: Analysis of Songcraft	6
Critical approaches to music:		
MUSC 270	 Critical Approaches to Music: Object Lessons	3
MUSC 271	 Critical Approaches to Music: Critical Moves	3
MUSC 351	 Critical Approaches to Music: Guided Research	3
Individual/group lessons (taken over two semesters) chosen from: <sup>1</sup>		
MUSC 100	Individual Keyboard Lessons	2-6
MUSC 102	Individual Voice Lessons	2-6
MUSC 103	Individual String Lessons	2-6
MUSC 104	Individual Woodwind Lessons	2-6
MUSC 105	Individual Brass Lessons	2-6
MUSC 106	Individual Percussion Lessons	2-6
MUSC 107	Applied Instruction	2-6
MUSC 110	Group Lessons in Piano	2-6
MUSC 111	Group Lessons in Voice	2-6
MUSC 112	Group Lessons in Strings	2-6
MUSC 113	Group Lessons in Woodwinds	2-6
MUSC 114	Group Lessons in Brass	2-6
MUSC 115	Group Lessons in Percussion	2-6
MUSC 156	Beat Making Lab	2-6
MUSC 157	Rap Lab	2-6
MUSC 200	Advanced Individual Lessons in Keyboard <sup>H</sup>	2-6

MUSC 202	Advanced Individual Lessons in Voice <sup>H</sup>	2-6
MUSC 203	Advanced Individual Lessons in Strings <sup>H</sup>	2-6
MUSC 204	Advanced Individual Lessons in Woodwinds <sup>H</sup>	2-6
MUSC 205	Advanced Individual Lessons in Brass <sup>H</sup>	2-6
MUSC 206	Advanced Individual Lessons in Percussion <sup>H</sup>	2-6
MUSC 207	Advanced Applied Instruction	2-6
MUSC 266	 Composition	2-6
MUSC 381	Inside the Song: Analysis of Songcraft	2-6

Ensemble performance (four hours) chosen from: 4

MUSC 211	Ensemble I	4
MUSC 212	Ensemble II	4
MUSC 213	Ensemble III	4
MUSC 214	Chamber Music <sup>2, H</sup>	4

Music electives (nine hours) chosen from MUSC courses: students may count no more than three additional hours from MUSC 211 - MUSC 214 towards their music major. They may count as credit hours for graduation, subject to the overall limit on music hours. 9

**Total Hours 35-39**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> 30-minute lessons count for .5 credit hours. Students choosing to take 30-minute lessons to satisfy this requirement must take lessons for four semesters to accumulate the requirement's 2-credit hour minimum.

<sup>2</sup> Pursuant to area needs and preferences, or by DUS approval.


Music (MUSC) course descriptions (p. 708).


Students may receive no more than 45 credit hours in music and must complete a minimum of 75 hours of coursework outside music, including all General Education requirements.

## Optional Pathways within the Bachelor of Arts in Music Degree

Students working toward the bachelor of arts degree have the option to pursue one or more pathways in their musical studies. These pathways identify recommended course selections for students who have interests in one or more areas. We suggest nine credit hours of study; students are free to take additional credits. Some of these courses also satisfy core requirements. Please note that enrollment in individual lessons (MUSC 100–MUSC 107 and MUSC 200–MUSC 207) requires an audition.

### Composition

Code	Title	Hours
MUSC 166	Introduction to Composition	3
MUSC 266	 Composition	3
Plus three hours from:		3
MUSC 239	Introduction to Music Technology	3

MUSC 266	 Composition (repeated)
MUSC 331	Musical Form and Analysis
MUSC 332	Counterpoint
MUSC 338	Analysis of Music since 1900







### Ethnomusicology

Code	Title	Hours
MUSC 234	 World Musics in Theory and Practice	3
Plus three hours from:		3
MUSC 146	 Introduction to World Musics	
MUSC 147	 Introduction to the Music of the Americas	
MUSC 148	 Introduction to Black Music	
MUSC 164	 Music of South Asia	
MUSC 258	 Musical Movements: Migration, Exile, and Diaspora	
MUSC 269	 Music in the Community	
MUSC 286	 Music as Culture (in an appropriate topic) <sup>H</sup>	
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	
Plus three hours from:		3
MUSC 107	Applied Instruction	
MUSC 207	Advanced Applied Instruction (in appropriate repertoire)	
MUSC 212	Ensemble II (in an appropriate ensemble, including Bluegrass Band, Charanga Carolina, Gamelan, Global Rhythms)	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.




### Instrumental Performance

Code	Title	Hours
Three hours from:		3
MUSC 103	Individual String Lessons	
MUSC 104	Individual Woodwind Lessons	
MUSC 105	Individual Brass Lessons	
MUSC 106	Individual Percussion Lessons	
MUSC 107	Applied Instruction	
MUSC 203	Advanced Individual Lessons in Strings <sup>H</sup>	
MUSC 204	Advanced Individual Lessons in Woodwinds <sup>H</sup>	
MUSC 205	Advanced Individual Lessons in Brass <sup>H</sup>	
MUSC 206	Advanced Individual Lessons in Percussion <sup>H</sup>	
MUSC 207	Advanced Applied Instruction	
Plus three hours from:		3
MUSC 100	Individual Keyboard Lessons	
MUSC 130	Tonal Musicianship Skills I	
MUSC 133	Tonal Musicianship Skills II	
MUSC 136	Keyboard Skills I	
MUSC 200	Advanced Individual Lessons in Keyboard <sup>H</sup>	
MUSC 236	Keyboard Skills II	
MUSC 303	 Advanced String Lessons and Recital <sup>H</sup>	

MUSC 304	 Advanced Woodwind Lessons and Recital <sup>H</sup>	
MUSC 305	 Advanced Brass Lessons and Recital <sup>H</sup>	
MUSC 306	 Advanced Percussion Lessons and Recital <sup>H</sup>	
Plus three hours from:		3
MUSC 163	Jazz Improvisation I	
MUSC 166	Introduction to Composition	
MUSC 168	Basic Conducting	
MUSC 211	Ensemble I (in an appropriate ensemble)	
MUSC 212	Ensemble II (in an appropriate ensemble)	
MUSC 213	Ensemble III (in an appropriate ensemble)	
MUSC 233	Studies in Performance Practices	
MUSC 269	 Music in the Community	
MUSC 286	 Music as Culture (in an appropriate topic) <sup>H</sup>	
MUSC 331	Musical Form and Analysis	
MUSC 338	Analysis of Music since 1900	
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	


<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.




### Jazz Studies

Code	Title	Hours
MUSC 135	Jazz Theory	3
Plus six hours from:		6
MUSC 145	 Introduction to Jazz	
MUSC 163	Jazz Improvisation I	
MUSC 211	Ensemble I (up to three hours in an appropriate ensemble)	
MUSC 212	Ensemble II (up to three hours in an appropriate ensemble)	
MUSC 213	Ensemble III (up to three hours in an appropriate ensemble)	
MUSC 263	Jazz Improvisation II	
MUSC 265	Jazz Composition and Arranging	
MUSC 280	Jazz Innovators	
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	
MUSC 363	Studies in Jazz	
MUSC 364	 UNC Summer Jazz Workshop	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


### Music History

Code	Title	Hours
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	3
Plus six hours from:		6
MUSC 233	Studies in Performance Practices	

MUSC 258	 Musical Movements: Migration, Exile, and Diaspora
MUSC 291	 Music and Politics
MUSC 331	Musical Form and Analysis
MUSC 333	Analysis of Popular Music
MUSC 338	Analysis of Music since 1900
MUSC 355	 History and Culture of Music (repeated; in an appropriate topic) <sup>H</sup>





<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Music Theory

Code	Title	Hours
MUSC 232	Theory III <sup>H</sup>	3
Plus six hours taken from:		6
MUSC 166	Introduction to Composition	
MUSC 239	Introduction to Music Technology	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


### Musicology

Code	Title	Hours
MUSC 355	 History and Culture of Music <sup>H</sup>	3
Plus three hours from:		3
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
Plus three hours from:		3
MUSC 234	 World Musics in Theory and Practice	
MUSC 258	 Musical Movements: Migration, Exile, and Diaspora	
MUSC 355	 History and Culture of Music (repeated) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.







### Piano Performance

Code	Title	Hours
Three hours from:		3
MUSC 100	Individual Keyboard Lessons	
MUSC 200	Advanced Individual Lessons in Keyboard <sup>H</sup>	
Plus six hours from:		6
MUSC 100	Individual Keyboard Lessons (repeated)	

MUSC 200	Advanced Individual Lessons in Keyboard (repeated) <sup>H</sup>
MUSC 223	Piano Literature
MUSC 224	Piano Pedagogy
MUSC 233	Studies in Performance Practices
MUSC 300	 Advanced Keyboard Lessons and Recital

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


### Popular Music

Code	Title	Hours
Six hours from:		6
MUSC 143	 Introduction to Rock Music	
MUSC 144	 Introduction to Country Music	
MUSC 148	 Introduction to Black Music	
MUSC 155	The Art and Culture of the DJ	
MUSC 156	Beat Making Lab	
MUSC 157	Rap Lab	
MUSC 158	Rock Lab	
MUSC 281	Popular Song in American Culture	
MUSC 333	Analysis of Popular Music	
Plus three hours from any additional course listed in this category or from:		3
MUSC 145	 Introduction to Jazz	
MUSC 147	 Introduction to the Music of the Americas	
MUSC 239	Introduction to Music Technology	
MUSC 280	Jazz Innovators	
MUSC 286	 Music as Culture (in an appropriate topic) <sup>H</sup>	
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Classical Voice Performance

Code	Title	Hours
Two hours of:		
MUSC 202	Advanced Individual Lessons in Voice (in two semesters in an appropriate ensemble) <sup>H</sup>	2
MUSC 211	Ensemble I (in two semesters in an appropriate ensemble)	2
Plus five hours from:		5
MUSC 123	Diction for Singers I (English/Italian)	
MUSC 124	Diction for Singers II (French)	
MUSC 125	Diction for Singers III (German)	
MUSC 168	Basic Conducting	
MUSC 202	Advanced Individual Lessons in Voice (repeated) <sup>H</sup>	
MUSC 211	Ensemble I (in an appropriate ensemble; up to three hours)	
MUSC 212	Ensemble II (in an appropriate ensemble; up to three hours)	

MUSC 225	Vocal Pedagogy
MUSC 233	Studies in Performance Practices
MUSC 302	 Advanced Voice Lessons and Recital <sup>H</sup>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities

### Honors in Music

Students interested in becoming candidates for a degree with honors in music should read the regulations governing departmental honors in the College of Arts and Sciences, found in the Degree Requirements (p. 1241) section of this catalog, and should consult the honors advisor of the department toward the end of the sophomore year.

### Study Abroad

The department actively encourages students to participate in study abroad programs to pursue their musical and other interests in an international context. The department maintains a strong relationship with institutions in Hong Kong, London, and Vienna, and can facilitate connections with programs around the world.

## Department Programs

### Majors

- Music Major, B.A. (p. 720)
- Music Major, Bachelor of Music (B.Mus.) (p. 724)

### Minor

- Music Minor (p. 729)
- Musical Theatre Performance Minor (p. 363)

### Graduate Programs

- M.A. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)

## Contact Information

### Department of Music

Visit Program Website (<http://music.unc.edu>)

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## Music Major, Bachelor of Music (B.Mus.)

The Bachelor of Music program is designed for those seeking a degree that offers a more extensive component in performance, history, ethnomusicology, theory, composition, or music education. Students must complete 64 credit hours in music and at least 54 credit hours outside the major.

## Student Learning Outcomes

Upon completion of the music program (B.Mus.), students should be able to:

- Acquire sufficient technical capabilities to be able to perform expressively — on an instrument or the voice — appropriate repertoire for the area in which they are studying
- Show proficiency in the materials and language of music for purposes of analysis and evaluation
- Be aware of the connection between general culture and history and the musical works that come from composers of particular times and places
- Demonstrate the ability to perform successfully in individual, small-, and large-ensemble performance and have a working familiarity with repertoire for solo or ensemble performance


## Requirements



In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Courses listed more than once can be counted for only one category.

Code	Title	Hours
<b>Core Requirements</b>		
Foundations:		
MUSC 120	 Foundations in Music <sup>F</sup>	3

Musicianship:		
MUSC 128	Improvisation Without Borders	1
Two additional courses (two hours), chosen from:		2
MUSC 129	Aural-based Musicianship	
MUSC 130	Tonal Musicianship Skills I	
MUSC 133	Tonal Musicianship Skills II	
Music Theory:		
MUSC 131	Tonal Theory I (requires a grade of C or better) <sup>H</sup>	3
Two courses (six hours), chosen from:		6
MUSC 132	 Tonal Theory II (requires a grade of C or better) <sup>H</sup>	
MUSC 135	Jazz Theory	
MUSC 137	 Patterns in Music	
MUSC 156	Beat Making Lab	
MUSC 166	Introduction to Composition	
MUSC 232	Theory III <sup>H</sup>	
MUSC 234	 World Musics in Theory and Practice	
MUSC 381	Inside the Song: Analysis of Songcraft	
Critical Approaches to Music:		
MUSC 270	 Critical Approaches to Music: Object Lessons	3
MUSC 271	 Critical Approaches to Music: Critical Moves	3
MUSC 351	 Critical Approaches to Music: Guided Research	3
Individual Lessons (twelve hours): chosen from MUSC 200–MUSC 207 taken over six semesters (or the equivalent for students whose primary focus is composition). <sup>1</sup>		12
Ensemble performance (eight hours) chosen from:		8
MUSC 211	Ensemble I	
MUSC 212	Ensemble II	
MUSC 214	Chamber Music <sup>2, H</sup>	
Keyboard skills (two hours) chosen from:		2
MUSC 135	Jazz Theory	
MUSC 136	Keyboard Skills I	
MUSC 200	Advanced Individual Lessons in Keyboard <sup>3, H</sup>	
MUSC 236	Keyboard Skills II	
Senior Presentation		3
MUSC 300	 Advanced Keyboard Lessons and Recital <sup>H</sup>	
MUSC 302	 Advanced Voice Lessons and Recital <sup>H</sup>	
MUSC 303	 Advanced String Lessons and Recital <sup>H</sup>	
MUSC 304	 Advanced Woodwind Lessons and Recital <sup>H</sup>	
MUSC 305	 Advanced Brass Lessons and Recital <sup>H</sup>	
MUSC 306	 Advanced Percussion Lessons and Recital <sup>H</sup>	
MUSC 307	 Advanced Composition/Recital	
MUSC 308	Intermediate Lessons in Conducting	
MUSC 309	Advanced Lessons in Conducting	

**Additional Requirements**

Music electives (fifteen hours) chosen from MUSC courses: students may count no more than six additional hours from MUSC 211 - MUSC 214 towards their music major. They may count as credit hours for graduation, subject to the overall limit on music hours.

**Total Hours** **64**

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Students may petition the director of undergraduate studies to count toward this requirement no more than two hours of MUSC 100–MUSC 107. Students wishing to take a seventh semester of individual lessons may use an additional two hours of MUSC 200–MUSC 207 for elective credit.

<sup>2</sup> Pursuant to area needs and preferences, or by approval of the director of undergraduate studies.

<sup>3</sup> With the approval of the director of undergraduate studies.



Students pursuing the B.Mus. must complete at least 64 credit hours in music, which is combined with an additional 56 credit hours for a total of 120 credit hours. Students may receive no more than 66 credit hours in music and must complete a minimum of 54 credit hours of coursework outside music, including all General Education requirements.


Students who wish to gain certification to teach music in public schools may take a prescribed course of study as part of the bachelor of music degree and apply to the music education licensure program offered through the School of Education. Admission to the music education licensure program requires a separate application to the School of Education (usually submitted during the spring of the first year), and candidates must meet North Carolina Department of Public Instruction licensure standards and be able to complete the course of study prior to spring of their senior year. Students who complete the program are eligible for North Carolina initial-level licensure.

**Optional Pathways within the Bachelor of Music Degree**

Students working toward the bachelor of music degree have the option to pursue one or more pathways in their musical studies. These pathways identify recommended course selections for students who have interests in one or more areas. We suggest 12 credit hours of study; students are free to take additional credits. Some of these courses also satisfy core requirements. Please note that enrollment in individual lessons (MUSC 100–MUSC 107 and MUSC 200–MUSC 207) requires an audition.

**Composition**

Code	Title	Hours
MUSC 307	 Advanced Composition/Recital	3
Plus nine hours taken from:		9
MUSC 239	Introduction to Music Technology	
MUSC 266	 Composition (repeated)	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 338	Analysis of Music since 1900	

MUSC 355  History and Culture of Music (in an appropriate topic)<sup>H</sup>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Ethnomusicology

Code	Title	Hours
MUSC 234	 World Musics in Theory and Practice	3
Plus six hours from:		6
MUSC 146	 Introduction to World Musics	
MUSC 147	 Introduction to the Music of the Americas	
MUSC 148	 Introduction to Black Music	
MUSC 164	 Music of South Asia	
MUSC 258	 Musical Movements: Migration, Exile, and Diaspora	
MUSC 269	 Music in the Community	
MUSC 286	 Music as Culture (in an appropriate topic) <sup>H</sup>	
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	
Plus three hours from:		3
MUSC 107	Applied Instruction	
MUSC 207	Advanced Applied Instruction (in appropriate repertoire)	
MUSC 212	Ensemble II (in an appropriate ensemble, including Bluegrass Band, Charanga Carolina, Gamelan, Global Rhythms)	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


### Instrumental Performance


Code	Title	Hours
Three hours from:		3
MUSC 303	 Advanced String Lessons and Recital <sup>H</sup>	
MUSC 304	 Advanced Woodwind Lessons and Recital <sup>H</sup>	
MUSC 305	 Advanced Brass Lessons and Recital <sup>H</sup>	
MUSC 306	 Advanced Percussion Lessons and Recital <sup>H</sup>	
Plus three hours of individual lessons on a second instrument:		3
MUSC 100	Individual Keyboard Lessons	
MUSC 102	Individual Voice Lessons	
MUSC 103	Individual String Lessons	
MUSC 104	Individual Woodwind Lessons	
MUSC 105	Individual Brass Lessons	
MUSC 106	Individual Percussion Lessons	
MUSC 107	Applied Instruction	
MUSC 202	Advanced Individual Lessons in Voice <sup>H</sup>	
MUSC 203	Advanced Individual Lessons in Strings <sup>H</sup>	
MUSC 204	Advanced Individual Lessons in Woodwinds <sup>H</sup>	
MUSC 205	Advanced Individual Lessons in Brass <sup>H</sup>	


MUSC 206 Advanced Individual Lessons in Percussion<sup>H</sup>

MUSC 207 Advanced Applied Instruction

Or an additional semester of:

MUSC 303  Advanced String Lessons and Recital<sup>H</sup>

MUSC 304  Advanced Woodwind Lessons and Recital<sup>H</sup>

MUSC 305  Advanced Brass Lessons and Recital<sup>H</sup>

MUSC 305  Advanced Brass Lessons and Recital<sup>H</sup>

MUSC 306  Advanced Percussion Lessons and Recital<sup>H</sup>

Plus six hours from: 6

MUSC 163 Jazz Improvisation I

MUSC 166 Introduction to Composition

MUSC 168 Basic Conducting

MUSC 211 Ensemble I (in an appropriate ensemble)

MUSC 212 Ensemble II (in an appropriate ensemble)

MUSC 213 Ensemble III (in an appropriate ensemble)


MUSC 233 Studies in Performance Practices

MUSC 269  Music in the Community

MUSC 286  Music as Culture<sup>H</sup>




MUSC 331 Musical Form and Analysis

MUSC 338 Analysis of Music since 1900

MUSC 355  History and Culture of Music<sup>H</sup>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Jazz Studies


Code	Title	Hours
MUSC 135	Jazz Theory	3
MUSC 163	Jazz Improvisation I	3
Plus six hours from:		6
MUSC 145	 Introduction to Jazz	
MUSC 211	Ensemble I (up to three hours in an appropriate ensemble)	
MUSC 212	Ensemble II (up to three hours in an appropriate ensemble)	
MUSC 213	Ensemble III (up to three hours in an appropriate ensemble)	
MUSC 263	Jazz Improvisation II	
MUSC 265	Jazz Composition and Arranging	
MUSC 280	Jazz Innovators	
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	
MUSC 363	Studies in Jazz	
MUSC 364	 UNC Summer Jazz Workshop	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.




**Music Education**

Code	Title	Hours
MUSC 168	Basic Conducting	3
MUSC 226	Woodwinds, Brass, Percussion, and Strings Techniques	3
MUSC 227	Keyboard, Vocal, and Elementary Music Techniques	3
MUSC 228	Principles of Teaching Music	3

**Music History**


Code	Title	Hours
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	3

Plus nine hours taken from: 9

MUSC 233	Studies in Performance Practices	
MUSC 258	 Musical Movements: Migration, Exile, and Diaspora	
MUSC 291	 Music and Politics	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	 History and Culture of Music (repeated; in an appropriate topic) <sup>H</sup>	



<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


**Music Theory**


Code	Title	Hours
Twelve hours taken from:		12
MUSC 166	Introduction to Composition	
MUSC 239	Introduction to Music Technology	
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	 History and Culture of Music (in an appropriate topic) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

**Musicology**

Code	Title	Hours
MUSC 355	 History and Culture of Music <sup>H</sup>	3
Plus three hours taken from:		3
MUSC 331	Musical Form and Analysis	
MUSC 332	Counterpoint	
MUSC 333	Analysis of Popular Music	
MUSC 338	Analysis of Music since 1900	
MUSC 355	 History and Culture of Music (repeated) <sup>H</sup>	
Plus three hours taken from:		3

MUSC 234  World Musics in Theory and Practice

MUSC 258  Musical Movements: Migration, Exile, and Diaspora



Plus three hours from any additional course listed in this category or from: 3

MUSC 233 Studies in Performance Practices




MUSC 263 Jazz Improvisation II

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

**Piano Performance**


Code	Title	Hours
Three hours of:		
MUSC 300	 Advanced Keyboard Lessons and Recital	3
Plus nine hours from:		9
MUSC 100	Individual Keyboard Lessons (up to three hours on organ or harpsichord)	
MUSC 163	Jazz Improvisation I	
MUSC 168	Basic Conducting	
MUSC 223	Piano Literature	
MUSC 224	Piano Pedagogy	
MUSC 233	Studies in Performance Practices	
MUSC 300	 Advanced Keyboard Lessons and Recital (repeated)	

**Popular Music**

Code	Title	Hours
Six hours taken from:		6
MUSC 143	 Introduction to Rock Music	
MUSC 144	 Introduction to Country Music	
MUSC 148	 Introduction to Black Music	
MUSC 155	The Art and Culture of the DJ	
MUSC 156	Beat Making Lab	
MUSC 157	Rap Lab	
MUSC 158	Rock Lab	
MUSC 281	Popular Song in American Culture	
MUSC 333	Analysis of Popular Music	


Plus six hours from any additional courses listed in this category or from: 6


MUSC 145  Introduction to Jazz

MUSC 147  Introduction to the Music of the Americas

MUSC 239 Introduction to Music Technology




MUSC 280 Jazz Innovators

MUSC 286  Music as Culture (in an appropriate topic)<sup>H</sup>

MUSC 355  History and Culture of Music (in an appropriate topic)<sup>H</sup>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.





**Classical Voice Performance**







Code	Title	Hours
MUSC 123	Diction for Singers I (English/Italian)	1
MUSC 124	Diction for Singers II (French)	1
MUSC 125	Diction for Singers III (German)	1
MUSC 302	 Advanced Voice Lessons and Recital <sup>H</sup>	3
Plus six hours from:		6
MUSC 168	Basic Conducting	
MUSC 225	Vocal Pedagogy	
MUSC 233	Studies in Performance Practices	
MUSC 248	 Gender on the Musical Stage	
MUSC 302	 Advanced Voice Lessons and Recital (repeated) <sup>H</sup>	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

**Sample Plan of Study**

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>1, F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Hours</b>	<b>11</b>
<b>Fall Semester</b>	
MUSC 120  Foundations in Music <sup>1, F</sup>	3
Keyboard Skills	1-3
MUSC 135 Jazz Theory	
MUSC 136 Keyboard Skills I	
MUSC 200 Advanced Individual Lessons in Keyboard <sup>H</sup>	
Musicianship	1
MUSC 128 Improvisation Without Borders	
MUSC 20x Individual Lessons	2
Ensemble	1
<b>Hours</b>	<b>8-10</b>
<b>Spring Semester</b>	
MUSC 131 Tonal Theory I & MUSC 130 and Tonal Musicianship Skills I <sup>H</sup>	4
Keyboard Skills	1-3

MUSC 135 Jazz Theory	
MUSC 236 Keyboard Skills II	
MUSC 200 Advanced Individual Lessons in Keyboard <sup>H</sup>	
MUSC 20x Individual Lessons	2
Ensemble	1
<b>Hours</b>	<b>8-10</b>
<b>Second Year</b>	
<b>Fall Semester</b>	
Theory	3
MUSC 132  Tonal Theory II <sup>H</sup>	
MUSC 135 Jazz Theory	
MUSC 137  Patterns in Music	
MUSC 156 Beat Making Lab	
MUSC 166 Introduction to Composition	
Musicianship	1
MUSC 129 Aural-based Musicianship	
MUSC 133 Tonal Musicianship Skills II	
MUSC 270  Critical Approaches to Music: Object Lessons	3
MUSC 2xx Lessons	2
Ensemble	1
<b>Hours</b>	<b>10</b>
<b>Spring Semester</b>	
Theory	3
MUSC 232 Theory III <sup>H</sup>	
MUSC 234  World Musics in Theory and Practice	
MUSC 381 Inside the Song: Analysis of Songcraft	
MUSC 271  Critical Approaches to Music: Critical Moves	3
MUSC 20x Individual Lessons	2
Ensemble	1
<b>Hours</b>	<b>9</b>
<b>Junior Year</b>	
<b>Fall Semester</b>	
MUSC 351  Critical Approaches to Music: Guided Research	3
MUSC 20x Individual Lessons	2
Ensemble	1
MUSC -- Music Elective	3
<b>Hours</b>	<b>9</b>
<b>Spring Semester</b>	
MUSC 20x Individual Lessons	2
Ensemble	1
MUSC -- Music Elective	6
<b>Hours</b>	<b>9</b>
<b>Senior Year</b>	
<b>Fall Semester</b>	
MUSC 30x Senior Presentation (or in spring semester)	3
Ensemble	1
MUSC -- Music Elective	3
<b>Hours</b>	<b>7</b>
<b>Spring Semester</b>	
Senior Presentation (if not completed in Fall Semester)	
Ensemble	1



MUSC --	Music Elective	3
<b>Hours</b>		<b>4</b>
<b>Total Hours</b>		<b>75-79</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.
- <sup>1</sup> Students are strongly encouraged to complete their FY-LAUNCH requirement with MUSC 120. If not, students will need to take another FY-SEMINAR or FY-LAUNCH course to fulfill the IDEAs in Action requirement.

## Special Opportunities

### Honors in Music

Students interested in becoming candidates for a degree with honors in music should read the regulations governing departmental honors in the College of Arts and Sciences, found in the Degree Requirements (p. 1241) section of this catalog, and should consult the honors advisor of the department toward the end of the sophomore year.

### Study Abroad

The department actively encourages students to participate in study abroad programs to pursue their musical and other interests in an international context. The department maintains a strong relationship with institutions in Hong Kong, London, and Vienna, and can facilitate connections with programs around the world.

## Department Programs

### Majors

- Music Major, B.A. (p. 720)
- Music Major, Bachelor of Music (B.Mus.) (p. 724)

### Minor

- Music Minor (p. 729)
- Musical Theatre Performance Minor (p. 363)

### Graduate Programs

- M.A. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)

## Contact Information

### Department of Music

Visit Program Website (<http://music.unc.edu>)  
Hill Hall, CB# 3320  
(919) 962-1039

### Chair

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Evan Feldman  
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### Co-Chair, Undergraduate Admission and Scholarships Committee

Nicholas DiEugenio  
nicholas.dieugenio@unc.edu

## Music Minor

The Department of Music provides many opportunities to students who wish to study music within a strong liberal arts curriculum. We foster creative endeavor and critical inquiry through courses, ensembles, and lessons on instruments or voice that explore music from a variety of perspectives.




## Requirements















In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor in music requires 15 hours as follows:

Code	Title	Hours
<b>Core Requirements</b>		
One of:		3
MUSC 120	 Foundations in Music <sup>F</sup>	
MUSC 121	 Fundamentals of Tonal Music I	
MUSC 131	Tonal Theory I <sup>H</sup>	
MUSC 141	 Survey of Western Music History	
MUSC 142	 Great Musical Works	
MUSC 143	 Introduction to Rock Music	
MUSC 144	 Introduction to Country Music	
MUSC 145	 Introduction to Jazz	
MUSC 146	 Introduction to World Musics	

MUSC 147	 Introduction to the Music of the Americas
MUSC 148	 Introduction to Black Music
MUSC 149	 Introduction to Music and Dance
MUSC 155	The Art and Culture of the DJ
MUSC 156	Beat Making Lab
MUSC 157	Rap Lab
MUSC 158	Rock Lab
MUSC 161	Music Production I
MUSC 164	 Music of South Asia
MUSC 166	Introduction to Composition
MUSC 188	 Introduction to Women and Music (three hours)
One of:	3
MUSC 223	Piano Literature
MUSC 226	Woodwinds, Brass, Percussion, and Strings Techniques
MUSC 227	Keyboard, Vocal, and Elementary Music Techniques
MUSC 234	 World Musics in Theory and Practice
MUSC 239	Introduction to Music Technology
MUSC 240	Performance in Southeast Asia: Gongs, Punks, and Shadow Plays
MUSC 248	 Gender on the Musical Stage
MUSC 251	 Studies in Medieval and Early Modern Music
MUSC 258	 Musical Movements: Migration, Exile, and Diaspora
MUSC 261	Music Production II
MUSC 269	 Music in the Community
MUSC 280	Jazz Innovators
MUSC 281	Popular Song in American Culture
MUSC 282	Bach and Handel
MUSC 283	Haydn and Mozart
MUSC 284	Beethoven and His Era
MUSC 285	Musical Modernism
MUSC 286	 Music as Culture <sup>H</sup>
MUSC 287	 Opera as Drama <sup>H</sup>
MUSC 288	The Orchestra and Its Music
MUSC 289	Sounds of War and Revolution
MUSC 291	 Music and Politics
MUSC 292	Media and Social Change in Africa
MUSC 294	Bluegrass Music, Culture, and History
MUSC 363	Studies in Jazz
MUSC 364	 UNC Summer Jazz Workshop
MUSC 381	Inside the Song: Analysis of Songcraft
MUSC 390	Seminar in Music <sup>H</sup>

The remaining nine hours are to be taken from other MUSC courses (which may include lessons or ensembles) subject to prerequisites and other admissions requirements. 9

**Total Hours** 15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Music (MUSC) course descriptions (p. 708).

## Department Programs

### Majors

- Music Major, B.A. (p. 720)
- Music Major, Bachelor of Music (B.Mus.) (p. 724)

### Minor

- Music Minor (p. 729)
- Musical Theatre Performance Minor (p. 363)

### Graduate Programs

- M.A. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)
- Ph.D. in Musicology (<http://catalog.unc.edu/graduate/schools-departments/music/>)

## Contact Information

### Department of Music

Visit Program Website (<http://music.unc.edu>)  
Hill Hall, CB# 3320  
(919) 962-1039

### Chair

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[daga@email.unc.edu](mailto:daga@email.unc.edu)

### Associate Chair for Performance, Composition, and Music Education

Evan Feldman  
[evanfeldman@unc.edu](mailto:evanfeldman@unc.edu)

### Associate Chair for Academic Studies

Jocelyn Neal  
[jneal@email.unc.edu](mailto:jneal@email.unc.edu)

### Director of Undergraduate Studies

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### Registrar

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### Co-Chair, Undergraduate Admission and Scholarships Committee

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## Musical Theatre Performance Minor

The minor in musical theatre performance, a joint program in the Department of Music and the Department of Dramatic Art, provides students with opportunities to improve their abilities in musical theatre performance. The minor has three components including acting literacy, music literacy, and movement literacy.

Students will have ample opportunity for performance experience through the department's and student group productions.

The minor has three tracks, depending on the student's major status:

1. Music track (taken by students pursuing the dramatic art major or music majors in instruments other than voice)
2. Dramatic track (taken by students pursuing the music major)
3. Hybrid track (taken by students pursuing a double major in dramatic art and music, or by students majoring in other disciplines)

Departmental advising is available for students with questions about course and program expectation and opportunities, both on campus and in the professional world.



In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor requires 15 credit hours. Students can pursue one of three tracks.

### Music Track

Code	Title	Hours
<b>Core Requirements</b>		
DRAM/MUSC 151	 Introduction to the American Stage Musical	3
At least 4 hours in Music Literacy:		4
MUSC 102	Individual Voice Lessons	
MUSC 111	Group Lessons in Voice	
MUSC 121	 Fundamentals of Tonal Music I	
MUSC 202	Advanced Individual Lessons in Voice <sup>H</sup>	
At least 4 hours in Movement Literacy:		4
PHYA 208	Beginning Ballet	
PHYA 212	Introduction to Dance Technique	
PHYA 224	Beginning Modern Dance	
PHYA 308	Intermediate Ballet	
PHYA 324	Intermediate Modern Dance	
PHYA 408	Advanced Ballet	
DRAM 154	Performers' Awareness	
DRAM 155	Movement for the Actor	



The remaining 4 hours can come from either list above or from the Acting Literacy list below:

DRAM 144	Acting the Song	
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.




Students in the music track may not also pursue the music major (B.A., B.Mus) in voice or the music minor.

### Dramatic Track

Code	Title	Hours
<b>Core Requirements</b>		
DRAM/MUSC 151	 Introduction to the American Stage Musical	3
At least 4 hours in Acting Literacy:		4
DRAM 135	 Acting for Nonmajors	
DRAM 140	Voice Training I	
DRAM 144	Acting the Song	
At least 4 hours in Movement Literacy:		4
PHYA 208	Beginning Ballet	
PHYA 212	Introduction to Dance Technique	
PHYA 224	Beginning Modern Dance	
PHYA 308	Intermediate Ballet	
PHYA 324	Intermediate Modern Dance	
PHYA 408	Advanced Ballet	
DRAM 154	Performers' Awareness	
DRAM 155	Movement for the Actor	
The remaining 4 hours can come from either list above		4
<b>Total Hours</b>		<b>15</b>

Students in the dramatic track may not also pursue the dramatic art major or minor.

### Hybrid Track

Code	Title	Hours
<b>Core Requirements</b>		
DRAM/MUSC 151	 Introduction to the American Stage Musical	3
Any combination of courses from the Music, Acting, and Movement Literacy lists (see below):		12
<b>Music Literacy</b>		
MUSC 102	Individual Voice Lessons	
MUSC 111	Group Lessons in Voice	
MUSC 121	 Fundamentals of Tonal Music I	
MUSC 202	Advanced Individual Lessons in Voice <sup>H</sup>	
<b>Acting Literacy</b>		
DRAM 135	 Acting for Nonmajors	
DRAM 140	Voice Training I	
DRAM 144	Acting the Song	
<b>Movement Literacy</b>		
PHYA 208	Beginning Ballet	
PHYA 212	Introduction to Dance Technique	
PHYA 224	Beginning Modern Dance	
PHYA 308	Intermediate Ballet	

PHYA 324	Intermediate Modern Dance
PHYA 408	Advanced Ballet
DRAM 154	Performers' Awareness
DRAM 155	Movement for the Actor

**Total Hours** 15

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Students pursuing both the dramatic art and music major (double majors) should follow the hybrid track.

## Department Programs

### Majors

- Music Major, B.A. (p. 720)
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### Minor

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- Musical Theatre Performance Minor (p. 363)

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## Contact Information

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## Department of Naval Science

### Introduction

The purpose of the NROTC is to provide a source of highly qualified officers to serve on United States Navy ships, submarines, and aircraft, or in the United States Marine Corps. Students (midshipmen) who obtain a baccalaureate degree and who satisfy academic and physical requirements are commissioned as either ensigns in the Navy or second lieutenants in the Marine Corps. Students may participate in NROTC in one of two programs: the NROTC Scholarship Program or the NROTC College Program. NROTC scholarships provide tuition, books, fees, uniforms, and a monthly allowance of \$250 to \$400. Students participating in the college program receive their NROTC books, uniforms, and a monthly allowance of \$350 to \$400 during their junior and senior years. A major advantage of the college program is the excellent opportunity it offers to win two- and three-year NROTC scholarships.

Regardless of enrollment category, many features are common to both programs:

- Naval science courses carry academic credit.
- All students are welcome to join the program and “test the waters” without incurring a military obligation.
- All midshipmen who successfully complete the program and university graduation requirements will receive a commission as an officer in the United States Navy or Marine Corps.
- Applicants are considered without regard to race, sex, creed, sexual orientation, or religion.

### Midshipman Life

We are dedicated to ensuring that each midshipman leads a full and productive University life. Midshipmen are encouraged to participate on University athletic teams as well as in campus politics, fraternities, sororities, intramurals, and other organizations. Additionally, midshipmen are provided an outstanding opportunity to examine and experience many alternative career paths, social events, and experiences through field trips, summer cruises, and the midshipman military organization.

### NROTC Program

Courses offered by the Department of Naval Science, in conjunction with courses offered in the Curriculum in Peace, War, and Defense, are designed to equip an individual with the necessary tools to succeed as an officer in the naval service.

Information about applications and admissions in the UNC–Chapel Hill Naval ROTC may be obtained by visiting the Naval Armory on campus; by addressing an inquiry to Professor of Naval Science, CB# 3325, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-3325; by calling (919) 962-1198; or by email at [NROTC@unc.edu](mailto:NROTC@unc.edu).

## Advising

All students pursuing minors have an academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor. Departmental academic advising appointments can be made through their respective NROTC instructor or by contacting the department's director of undergraduate studies, Lieutenant David Heider (see contact information above). Further information on courses and careers may be obtained from the department's website (<https://nrotc.sites.unc.edu/>).

### Minor

- Naval Science Minor (p. 734)

## Professor

Andrew Hertel, Captain, USN

## Associate Professor

Matthew Angel, Major, USMC

## Instructors

Michael Reyes, Lieutenant, USN (Surface Warfare Officer)

Scott Trail, Lieutenant, USN (Aviation Officer)

Derek McNamara, Captain, USMC (Marine Officer Instructor)

## NAVS—Naval Science

### Undergraduate-level Courses

#### NAVS 101. Introduction to Naval Science. 1 Credits.

Fundamental orientation to the Naval service emphasizing the mission, organization, regulations, customs and traditions, broad warfare components, and major challenges facing Navy/Marine Corps officers.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### NAVS 190. Seminar in Topics of Naval Science. 1-12 Credits.

Permission of the department. Seminar of topics regarding the United States Navy.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

#### NAVS 196. Independent Study in Naval Science. 1-12 Credits.

Permission of the department. Readings and research by an individual student on a subject related to the United States Navy.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### NAVS 201. Naval Leadership and Management. 3 Credits.

A study of organizational principles, management theory, and leadership styles, with emphasis on applications in the Navy and Department of Defense.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Grading Status:** Letter grade.

#### NAVS 202. Navigation. 3 Credits.

A comprehensive study of the theory, principles, and procedures of ship navigation, movements, and employment. Course includes spherical trigonometry, mathematics, analysis, study and practices of navigation, sextants, navigation publications, and report logs. Covers rules of the road, lights, signals, navigational aids, and electronic and mechanical positioning devices.

#### Rules & Requirements

**Requisites:** Corequisite, NAVS 202L.

**Grading Status:** Letter grade.

#### NAVS 202L. Navigation Laboratory. 1 Credits.

Practical application of the theories and principles of navigation as presented in the lecture series.

#### Rules & Requirements

**Requisites:** Corequisite, NAVS 202.

**Grading Status:** Letter grade.

#### NAVS 211. Marine Option Naval Science Laboratory. 0 Credits.

One laboratory hour per week designed to introduce topics and activities relevant to the professional development of the prospective Marine Corps officer. Required for Marine Option 2/C.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### NAVS 301. Naval Ships Engineering Systems. 3 Credits.

An introductory course and survey of ship design, characteristics, propulsion (including nuclear power) and control systems, and the principles of ship stability.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Grading Status:** Letter grade.

#### NAVS 302. Naval Weapons Systems. 3 Credits.

A descriptive survey course in engineering aspects of ships' weapons guidance, control, and propulsion systems and characteristics of ships' weapons systems.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Grading Status:** Letter grade.

#### NAVS 311. Evolution of Warfare. 3 Credits.

Survey of the evolution of warfare through the study of selected campaigns and classic battles, with special emphasis on the principles of war, the military impact of leadership, and the evolution of tactics and weaponry.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### NAVS 401. Naval Operations. 4 Credits.

A study of the maneuvering of ships in formation, and the operations in which naval vessels engage daily.

#### Rules & Requirements


 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Grading Status:** Letter grade.

### NAVS 402. Naval Leadership and Ethics. 3 Credits.

Capstone leadership course in NROTC curriculum, emphasizing leadership skills and their ethical implications for the competent commissioned officer in areas of human resources and material management.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

### NAVS 411. Amphibious Warfare. 3 Credits.

A survey of the projection of sea power ashore, with special emphasis on the evolution of amphibious warfare in the 20th century, through the study of historical amphibious landings and campaigns.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-CREATE or FC-POWER.

**Grading Status:** Letter grade.

### NAVS 500. Naval Science Laboratory. 0 Credits.

Required of all NROTC students. Meets once a week to provide supplemental military training, including close order drill, physical fitness, inspections, guest lectures, and leadership training.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 0 total credits. 8 total completions.

**Grading Status:** Letter grade.

### NAVS 501. Operational Leadership Enhancement Course. 1 Credits.

Provides leadership training in a military environment. Professional development is achieved through academics, physical fitness, marksmanship, and leadership experiences. Course reviews leadership lessons in an at-sea or training environment. Restricted to ROTC members who participate in summer cruise, training, or OCS.

#### Rules & Requirements

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

## Contact Information

### Department of Naval Science

Visit Program Website (<https://nrotc.sites.unc.edu/>)

Naval Armory, 221 South Columbia Street, CB# 3325  
(919) 843-9279

### Chair

Captain Andrew Hertel

### Director of Undergraduate Studies

Emily Cossett

[ecossett@unc.edu](mailto:ecossett@unc.edu)

## Naval Science Minor








The minor in naval science equips graduates with hands-on experience from all facets of the Navy and Marine Corps team. Together, alongside NROTC midshipmen, students will understand the core principles of each service, master nautical skills in navigation, weapons, and engineering, and build leadership and followership skills. The minor in naval science is open to all UNC–Chapel Hill undergraduate students.

## Requirements

In addition to the program requirements listed below, students must:






- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
The minor includes 14 hours of coursework selected from among the following courses: 14		
NAVS 101	Introduction to Naval Science	
NAVS 201	 Naval Leadership and Management	
NAVS 202	Navigation	
NAVS 202L	Navigation Laboratory	
NAVS 301	 Naval Ships Engineering Systems	
NAVS 302	 Naval Weapons Systems	
NAVS 311	 Evolution of Warfare	
NAVS 401	 Naval Operations	
NAVS 402	 Naval Leadership and Ethics	
NAVS 411	 Amphibious Warfare	
HIST/PWAD 212	History of Sea Power	
PHIL/POLI/PWAD 272	 The Ethics of Peace, War, and Defense	
<b>Total Hours</b>		<b>14</b>





## Scholarship Requirements

Navy and Marine National Scholarship students must complete the following requirements:

Code	Title	Hours
<b>Two English courses from the following options:</b> 6		
ENGL 100	Basic Writing	
ENGL 105	 English Composition and Rhetoric	
ENGL 123	 Introduction to Fiction <sup>H</sup>	
ENGL 124	 Contemporary Literature	
ENGL 125	 Introduction to Poetry	
ENGL 127	 Writing about Literature	

ENGL 130	 Introduction to Fiction Writing
ENGL 131	 Introduction to Poetry Writing
ENGL 138	 Introduction to Creative Nonfiction
ENGL 149	 Digital Composition
ENGL 213	Grammar of Current English
ENGL 230	 Milton <sup>H</sup>
ENGL 283	 Life Writing <sup>H</sup>
ENGL 301	 Professional Writing in the Arts
ENGL 305	 Advanced Legal Communication
ENGL 402	Investigations in Academic Writing and Writing Centers

**One course in American history or national security policy from the following options:** **3**

ASIA 570	The Vietnam War
COMM 355	Terrorism and Political Violence
HIST 128	 American History since 1865
HIST 140	 The World since 1945
HIST 242	 United States-Latin American Relations
HIST/PWAD 248	Guerrillas and Counterinsurgencies in Latin America
HIST/PWAD 266	 Global History of Warfare
HIST 458	Europe and the World Wars, 1914-1945
POLI 272	 The Ethics of Peace, War, and Defense
PWAD 213	Air Power and Modern Warfare
PWAD 250	 Introduction to Peace and Security Studies
PWAD 281	The Pacific War, 1937-1945: Its Causes and Legacy
PWAD 352	The History of Intelligence Operations
PWAD 368	War and American Society to 1903
PWAD 369	War and American Society
PWAD 373	The United States in World War II
PWAD 443	American Foreign Policy: Formulation and Conduct
PWAD 444	 Terrorism and International Peace
PWAD 457	International Conflict Processes
PWAD 486	National Security Decision Making

**One course in world culture and regional studies from the following options:** **3**

AAAD 101	 Introduction to Africa
AAAD 301	Contemporary China-Africa Relations
AAAD 414	Senegalese Society and Culture
ANTH 226	The Peoples of Africa
ANTH 280	 Anthropology of War and Peace
ARAB 150	 Introduction to Arab Cultures
ASIA 131	Southeast Asia to the Early 19th Century
ASIA 133	 Introduction to Chinese History
ASIA 134	Modern East Asia
ASIA 135	 History of the Indian Subcontinent to 1750
ASIA 136	History of India, Pakistan, and Bangladesh: South Asia since 1750

ASIA 138	History of Muslim Societies to 1500
ASIA 139	 History of Muslim Societies since 1500
ASIA 150	 Asia: An Introduction
ASIA 152	 Survey of South Asian Cultural History
ASIA 180	 Introduction to Islamic Civilization
ASIA 181	 Modern Muslim Societies
ASIA 265	Eastern Asia
ASIA 267	 South Asia
ASIA 277	 The Conflict over Israel/Palestine
ASIA 282	 China in the World
ASIA 287	Modern Japan
ASIA 288	Japan in the 20th Century
ASIA 375	Memory, Massacres, and Monuments in Southeast Asia
ASIA 429	 Culture and Power in Southeast Asia
ASIA 536	Revolution in the Modern Middle East
CHIN 150	 Introduction to Chinese Civilization
GEOG 448	Transnational Geographies of Muslim Societies
HIST 130	 Modern African History
HIST 133	 Introduction to Chinese History
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750
HIST 138	History of Muslim Societies to 1500
HIST 139	 History of Muslim Societies since 1500
HIST 162	 Russia under the Last Tsars and Soviet Commissars
HIST 203	 Empires and Cultures in the Modern World
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era <sup>H</sup>
HIST 276	 The Modern Middle East
JAPN 231	 Ancient and Medieval Japanese History and Culture
JAPN 246	 Early Modern Japanese History and Culture
JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945
KOR 150	 History, Memory, and Reality in Contemporary Korea
KOR 151	 Education and Social Changes in Contemporary Korea
POLI 130	 Introduction to Comparative Politics <sup>H, F</sup>
POLI 237	 The Politics of China
POLI 452	 Africa and International Conflict
RELI 180	 Introduction to Islamic Civilization
RELI 181	 Modern Muslim Societies
SOCI 419	 Sociology of the Islamic World

<b>Six hours of physics-based calculus and six hours of physics at or above MATH 231 and PHYS 118</b>	<b>12</b>
<b>Total Hours</b>	<b>24</b>





- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.







## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

Whether you are a Navy Scholarship, Marine Corps Scholarship, College Programmer, or are pursuing a naval science minor, there is a plan for your success. Below are sample plans of study for students. All elective courses outside of the Department of Naval Science are ROTC scholarship requirements and do not count toward a naval science minor.

### Navy Scholarship Plan of Study

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
NAVS 101	Introduction to Naval Science	1
NAVS 500	Naval Science Laboratory	0
English elective		3
<b>Hours</b>		<b>4</b>
<b>Spring Semester</b>		
HIST 212	History of Sea Power	3
NAVS 500	Naval Science Laboratory	0
English elective		3
<b>Hours</b>		<b>6</b>
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
NAVS 301	 Naval Ships Engineering Systems	3
NAVS 500	Naval Science Laboratory	0
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
American History or National Security Policy elective		3
<b>Hours</b>		<b>10</b>
<b>Spring Semester</b>		
NAVS 201	 Naval Leadership and Management	3
NAVS 500	Naval Science Laboratory	0
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4

World Culture and Regional Studies elective		3
<b>Hours</b>		<b>10</b>
<b>Junior Year</b>		
<b>Fall Semester</b>		
NAVS 202	Navigation	3
NAVS 202L	Navigation Laboratory	1
NAVS 500	Naval Science Laboratory	0
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
<b>Hours</b>		<b>8</b>
<b>Spring Semester</b>		
NAVS 302	 Naval Weapons Systems	3
NAVS 500	Naval Science Laboratory	0
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
<b>Hours</b>		<b>7</b>
<b>Senior Year</b>		
<b>Fall Semester</b>		
NAVS 402	 Naval Leadership and Ethics	3
NAVS 500	Naval Science Laboratory	0
AERO 393	 Air and Space Expeditionary Training <sup>Counts as University Experiential Learning Credit</sup>	1
<b>Hours</b>		<b>4</b>
<b>Spring Semester</b>		
NAVS 401	 Naval Operations	4
NAVS 500	Naval Science Laboratory	0
<b>Hours</b>		<b>4</b>
<b>Total Hours</b>		<b>53</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

### Marine Corps Scholarship Plan of Study

Course	Title	Hours
<b>First Year</b>		
<b>Fall Semester</b>		
NAVS 101	Introduction to Naval Science	1
NAVS 500	Naval Science Laboratory	0
English elective		3
<b>Hours</b>		<b>4</b>
<b>Spring Semester</b>		
HIST 212	History of Sea Power	3
NAVS 500	Naval Science Laboratory	0
English elective		3
<b>Hours</b>		<b>6</b>




**Sophomore Year****Fall Semester**

NAVS 500	Naval Science Laboratory	0
American History or National Security Policy elective		3

**Hours** 3

**Spring Semester**

NAVS 201	 Naval Leadership and Management	3
NAVS 500	Naval Science Laboratory	0


**Hours** 3

**Junior Year****Fall Semester**

NAVS 500	Naval Science Laboratory	0
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**Hours** 0

**Spring Semester**

NAVS 500	Naval Science Laboratory	0
NAVS 311	 Evolution of Warfare	3


**Hours** 3

**Senior Year****Fall Semester**

NAVS 402	 Naval Leadership and Ethics	3
NAVS 500	Naval Science Laboratory	0

**Hours** 3

**Spring Semester**

NAVS 500	Naval Science Laboratory	0
NAVS 411	 Amphibious Warfare	3

**Hours** 3

**Total Hours** 25

## Contact Information

**Department of Naval Science**

Visit Program Website (<https://nrotc.sites.unc.edu/>)  
Naval Armory, 221 South Columbia Street, CB# 3325  
(919) 843-9279

**Chair**

Captain Andrew Hertel

**Director of Undergraduate Studies**

Emily Cossett  
ecossett@unc.edu

## Department of Nutrition

### Introduction

The Department of Nutrition is one of the top-ranked nutrition departments in the county. The curriculum offers a wide range of courses on the nutritional and epidemiological aspects of human diseases.

### Advising

All majors have a primary academic advisor in the department. Undergraduate students are encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Advisors, the program director, and the Office of Student Affairs staff work with current and prospective majors by appointment (see the "Contacts" tab at the top

of this page). Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<https://sph.unc.edu/nutr/unc-nutrition/>).

**Major**

- Nutrition Major, B.S.P.H. (p. 739)

## Distinguished Professors

**Alice Ammerman**, Mildred Kaufman Distinguished Professor  
**Penny Gordon-Larsen**, Carla Smith Chamblee Distinguished Professor, Interim Vice Chancellor for Research  
**Stephen Hursting**, AICR/WCRF Distinguished Professor  
**Elizabeth Mayer-Davis**, Cary C. Boshamer Distinguished Professor  
**Barry Popkin**, W.R. Kenan Jr. Distinguished Professor  
**Susan Smith**, Dickson-Harris Teeter Distinguished Professor  
**June Stevens**, AICR/WCRF Distinguished Professor

## Professors

**Linda Adair**, Director of Graduate Studies  
**Melinda Beck**, Interim Chair  
**Cynthia Bulik**  
**Shufa Du**  
**John French**  
**Anthony Hackney**  
**Martin Kohlmeier**  
**Sergey Krupenko**  
**Nobuyo Maeda**  
**Philip May**  
**Shu Wen Ng**, Distinguished Scholar in Public Health Nutrition  
**S. Raza Shaikh**, Associate Chair for Research  
**Mirek Styblo**, B.S.P.H. and M.S. Program Co-Director  
**Susan Sumner**  
**Deborah Tate**  
**Amanda Thompson**  
**Dianne Stanton Ward**

## Associate Professors

**John Batsis**  
**Kyle S. Burger**  
**Amanda Holliday**, M.P.H.–N.D. Program Director  
**Folami Ideraabdullah**  
**Natalia Krupenko**  
**Sandra Mooney**  
**Carmen Samuel-Hodge**  
**Lindsey Smith Taillie**, Associate Chair for Academics  
**Kimberly Truesdale**, M.P.H.–NUTR Program Director  
**Saroja Voruganti**

## Assistant Professors

**Seema Agrawal**  
**Ximena Bustamante Marin**  
**Ian Carroll**, B.S.P.H. and M.S. Program Co-Director  
**Michael Coleman**  
**Molly De Marco**  
**Derek Hales**  
**Anna Kahkoska**  
**Stephanie Martin**

Katie Meyer  
 Brooke Nezami  
 Wimal Pathmasiri  
 Blake Rushing  
 Jessica Soldavini  
 Delisha Stewart  
 Stephanie Thomas  
 Isis Trujillo  
 Carmina Valle  
 Heather Wasser

## NUTR–Nutrition Undergraduate-level

### NUTR 175. Introduction to Food Studies: From Science to Society. 3 Credits.

Introduction to food studies covering a variety of topics including how food was consumed over history, land use and aquaculture, food in the arts, food and culture in the American South, food politics, and nutrition science.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL or FC-PAST.

Making Connections Gen Ed: GL, NA.

Grading Status: Letter grade.

Same as: ANTH 175, AMST 175.

### NUTR 240. Introduction to Human Nutrition. 3 Credits.

Relationships of human nutrition to health and disease. Integration of biology, chemistry, and social sciences as related to human function. Nutrient composition of foods and safety of the food supply.

#### Rules & Requirements

Requisites: Prerequisites, BIOL 101/101L and CHEM 102/102L.

Grading Status: Letter grade.

### NUTR 245. Sustainable Local Food Systems: Intersection of Local Foods and Public Health. 3 Credits.

Examines the intersection of local foods and public health with respect to nutrition and environmental, economic, and community issues. Students explore impacts and potential solutions of the increasingly industrialized and centralized food system, while assisting community partners to increase opportunities for farmers, local food marketers, distributors, and entrepreneurs.

#### Rules & Requirements

Making Connections Gen Ed: EE- Service Learning.

Grading Status: Letter grade.

### NUTR 295. Undergraduate Research Experience in Nutrition. 3 Credits.

Permission of the instructor. For undergraduates enrolled in the department's baccalaureate degree program. Directed readings or laboratory study on a selected topic. May be taken more than once for credit.

#### Rules & Requirements

Making Connections Gen Ed: EE- Mentored Research.

Repeat Rules: May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

Grading Status: Letter grade.

## Advanced Undergraduate and Graduate-level

### NUTR 400. Introduction to Nutritional Biochemistry. 3 Credits.

Function of the human body focusing on chemical properties, function, and metabolism of nutrients. Biochemistry of nutrients with a limited focus on medical aspects of nutrient metabolism. For advanced undergraduates and graduate students needing to enhance background prior to NUTR 600.

#### Rules & Requirements

Requisites: Prerequisites, BIOL 101, CHEM 101 and 102, and NUTR 240; permission of the instructor for students lacking the prerequisites.

Grading Status: Letter grade.

### NUTR 405. Fundamentals of Food and Nutrition Policy in Public Health. 3 Credits.

This course focuses on food and nutrition policy on a federal, state, and local level. Topics covered include policy formation, interest/consumer advocacy groups, key legislation, how research informs policy, equity and diversity, global food policy issues, sustainability and health, advocacy, and current public health nutrition policy hot topics and examples.

#### Rules & Requirements

Grading Status: Letter grade.

### NUTR 470. Foundations of Nutrition Interventions. 3 Credits.

This course is designed to introduce students to clinical trials in nutrition, including experimental designs, nutrition intervention methods, and skills necessary to critically analyze, describe, and evaluate feeding and behavioral nutrition interventions. The course covers concepts, skills and methods related to nutrition interventions, with an emphasis on theory-based interventions at the individual, community, or environmental levels to improve health and nutrition outcomes.

#### Rules & Requirements

Grading Status: Letter grade.

### NUTR 600. Human Metabolism: Macronutrients. 3 Credits.

Cell biochemistry and physiology emphasizing integration of proteins, carbohydrates, and lipids in whole-body metabolism; regulation of energy expenditure, food intake, metabolic adaptations, and gene expression; and macronutrient-related diseases (atherosclerosis, obesity).

#### Rules & Requirements

Requisites: Prerequisite, NUTR 400; permission of the instructor for students lacking the prerequisite.

Grading Status: Letter grade.

### NUTR 611. Food And Your Life Stages. 3 Credits.

This course covers nutrition during the life cycle. Units include women during preconception, pregnancy, and lactation; infancy; childhood; adolescence; and older adults (65+). Nutrient and energy needs, assessment of nutritional status, and cultural and socioeconomic barriers are discussed for each phase.

#### Rules & Requirements

Requisites: Prerequisite, NUTR 240.

Grading Status: Letter grade.

Same as: MHCH 611.

**NUTR 620. HUMAN METABOLISM: MICRONUTRIENTS. 3 Credits.**

Cell biochemistry and physiology emphasizing metabolism of vitamins and minerals including antioxidant protection, immune function, nutrient control of gene expression, and disease states induced by deficiencies (e.g., iron-deficient anemia).

**Rules & Requirements**

**Requisites:** Prerequisites, NUTR 400 and 600; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**NUTR 630. Nutrition Communication and Culture. 3 Credits.**

Course teaches the future nutrition professional the art and science of communicating with individuals, groups, and the public. Students will enhance cultural awareness and frame nutrition messages for mass media including social media.

**Rules & Requirements**

**Requisites:** Prerequisite, NUTR 240; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**NUTR 646. Mouse Models of Human Disease. 1 Credits.**

This course will focus on the laboratory mouse as a model organism to learn fundamental genetic concepts and understand how state-of-the-art experimental approaches are being used to elucidate gene function and the genetic architecture of biological traits.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GNET 646.

**NUTR 660. Food Service Systems Management. 2 Credits.**

Permission of the instructor for nonmajors. Basic concepts of institutional food service systems management applied to small and medium-sized health care facilities in the community.

**Rules & Requirements**

**Requisites:** Co-requisite, NUTR 660L.

**Grading Status:** Letter grade.

**NUTR 660L. Food Service Systems Management Experience. 1 Credits.**

This is a food service management practicum that applies the basic concepts of institutional food service systems. Two laboratory hours per week.

**Rules & Requirements**

**Requisites:** Co-requisite, NUTR 660.

**Grading Status:** Letter grade.

**NUTR 691H. Honors Research in Nutrition. 3 Credits.**

This is an honors course for research for the first semester of senior year, to be followed by NUTR 692H in the second semester. NUTR 691H/692H is a two-course sequence. Enrollment is only for students approved to conduct a senior honors thesis project.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, NUTR 295.

**Grading Status:** Letter grade.

**NUTR 692H. Honors Research in Nutrition. 3 Credits.**

Permission of the instructor. Directed readings or laboratory study of a selected topic. Requires a written proposal to be submitted to and approved by the B.S.P.H. Committee and faculty research director. A written report is required. May be taken more than once for credit. Six laboratory hours per week.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**NUTR 695. Nutrition Research. 1-9 Credits.**

Permission of the instructor. Individual arrangements with faculty for bachelor and master students to participate in ongoing research.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 8 total completions.

**Grading Status:** Letter grade.

**NUTR 696. Readings in Nutrition. 1-9 Credits.**

Permission of the instructor. Reading and tutorial guidance in special areas of nutrition.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 8 total completions.

**Grading Status:** Letter grade.

## Contact Information

**Department of Nutrition**

Visit Program Website (<https://sph.unc.edu/nutr/unc-nutrition/>)  
260 Rosenau, CB# 7461  
(919) 966-7212

**Chair**

Melinda Beck  
melinda\_beck@unc.edu

**Program Director**

Ian Carroll  
ian\_carroll@med.unc.edu

**General Student Inquiries**

nutrition@unc.edu

## Nutrition Major, B.S.P.H.

The bachelor of science in public health (B.S.P.H.) program in nutrition introduces the undergraduate student to the science of nutrition in health and disease and to social and behavioral aspects of eating in the context of public and individual health. The Department of Nutrition is one of the top-ranked nutrition departments in the country. The curriculum offers a range of courses on the nutritional and epidemiological aspects of human diseases.

Students may apply to one of two tracks of study:

- **Nutrition Science and Research Track** - An excellent preparation for medical and other health professional graduate programs, this track provides students in-depth exposure to the science of nutrition and metabolism while incorporating required research under the supervision of a faculty member.
- **Nutrition Health and Society Track** - Recognizing the truly interdisciplinary nature of nutrition, this track provides students

an opportunity to study nutrition through the lenses of policy, sustainable food systems, and interventions. Students are also required to use 18 credits (taken during the junior and senior years of the program) to obtain a second major or minor\* in a field of their choice.

Students who are admitted to the B.S.P.H. program in nutrition can apply for a B.S.P.H./M.S. dual degree, which can be completed within one year after completion of the B.S.P.H. program.

\*Classes taken prior to admission to the nutrition major can contribute towards the second minor or major; however, 18 elective credits must still be taken during the junior and senior year of the nutrition major.

Admission (p. 740) to the program is required.

## Student Learning Outcomes

Upon completion of the nutrition program, students should be able to:

- Describe the nutritional needs of individuals across the life cycle; the psychological, behavioral and social factors that affect food consumption and nutritional status, and the programs and services available to help individuals meet their nutritional needs.
- Communicate public health information, in both oral and written forms and through a variety of media, to diverse audiences.
- Locate, use, evaluate, and synthesize public health information.
- Describe health inequities, identify their root causes at multiple levels of the social ecological framework, and discuss approaches to advancing health equity.





Students who complete the Nutrition Science and Research Track should be able to:





- Demonstrate knowledge of nutritional biochemistry, the metabolism and function of nutrients, and the nutritional components of diseases through advanced courses in nutrition.
- Apply the scientific method in the areas of nutritional biochemistry, nutritional epidemiology, and intervention and policy.

Students who complete the Nutrition Health and Society Track should be able to:

- Understand the role of food and nutrition as an essential element of life – from cell, to an individual, to society.
- Demonstrate effective communication of nutrition information within social, multi-ethnic, and environmental dimensions.
- Demonstrate knowledge of the roles of the individual, society, government, and business in providing accessible, healthy food supplies, and in promoting healthy eating.

Prerequisite Courses Required for Admission to Both Tracks:

Code	Title	Hours
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>1, H, F</sup>	4
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and  Fundamentals of Human Anatomy and Physiology Laboratory <sup>1, H</sup>	4

CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>1, H, F</sup>	4
CHEM 102 & 102L	 General Descriptive Chemistry II and  Quantitative Chemistry Laboratory II <sup>1, H, F</sup>	4
<b>Total Hours</b>		<b>16</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Additional Prerequisite Courses for the Science and Research Track:

Code	Title	Hours
NUTR 240	Introduction to Human Nutrition <sup>1</sup>	3
CHEM 261	Introduction to Organic Chemistry I <sup>1, H</sup>	3
<b>Total Hours</b>		<b>6</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Must receive a C (not C-) or better in all prerequisite courses.

## Admission

The Gillings School of Global Public Health offers four undergraduate majors: biostatistics, environmental health sciences, health policy and management, and nutrition. The undergraduate degree offered is the bachelor of science in public health (B.S.P.H.). Enrollment in the B.S.P.H. degree programs is limited, and students must apply for admission. Students typically apply in January of their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, the initial step of B.S.P.H. application is available in ConnectCarolina under the "Apply for Majors Change" tab. For additional information on application deadlines and how to apply, please visit the Public Health Undergraduate Majors (<https://sph.unc.edu/resource-pages/undergraduate-programs/>) website.

Transfer students interested in any of the B.S.P.H. degree programs must apply through the Office of Undergraduate Admissions (<http://admissions.unc.edu/apply/transfer-students/>) using the Transfer Common application.

For high school seniors, our four majors participate in the Assured Enrollment program through Undergraduate Admissions. Assured enrollment programs guarantee students a spot in an undergraduate major within one of Carolina's professional schools or a spot in an accelerated undergraduate/graduate program. For additional information, please visit Undergraduate Admissions: Special Opportunities (<https://admissions.unc.edu/explore/enrich-your-education/excelcarolina/>).

Students are subject to the requirements in place when they are admitted to the Gillings School of Global Public Health; consequently,

the requirements described in this catalog particularly apply to students admitted to Gillings during the 2023–2024 academic year.

## Requirements

The nutrition program provides two options:










- Nutrition Major, B.S.P.H.–Nutrition, Health, and Society (p. 741)
- Nutrition Major, B.S.P.H.–Nutrition Science and Research (p. 741)

### Nutrition Major, B.S.P.H.–Nutrition, Health, and Society

In addition to the program requirements listed below, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- earn a C (not C-) or better in all prerequisite, core, and additional courses required for the major
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Courses</b>		
Public Health Core Courses:		
BIOS 600	Principles of Statistical Inference <sup>1</sup>	3
EPID 600	Principles of Epidemiology for Public Health <sup>1</sup>	3
SPHG 351	Foundations of Public Health <sup>1</sup>	3
SPHG 352	Public Health Systems and Solutions <sup>1</sup>	4
Other Core Courses: <sup>2</sup>		
NUTR 175	 Introduction to Food Studies: From Science to Society	3
NUTR 240	Introduction to Human Nutrition	3
NUTR 245	Sustainable Local Food Systems: Intersection of Local Foods and Public Health	3
NUTR 405	Fundamentals of Food and Nutrition Policy in Public Health	3
NUTR 470	Foundations of Nutrition Interventions	3
NUTR 611	Food And Your Life Stages	3
NUTR 630	Nutrition Communication and Culture	3
Research and Capstone:		
NUTR 295	Undergraduate Research Experience in Nutrition <sup>4</sup>	3
<b>Additional Requirements</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102 & 102L	 General Descriptive Chemistry II and  Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and  Fundamentals of Human Anatomy and Physiology Laboratory <sup>H</sup>	4

18 hours of elective courses (e.g., 6 courses) from other fields of study <sup>3,5,6</sup>	18
<b>Total Hours</b>	<b>71</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Must receive a C (not C-) or better.

<sup>2</sup> All other courses for the nutrition major, including science required courses, must receive a C (not C-) or better.

<sup>3</sup> Possible options include coursework from minors in anthropology; coaching education; cognitive science; composition, rhetoric, and digital literacy; education; exercise and sport science; food studies; global american studies; health and society; medicine, literature and culture; neuroscience; social and economic justice. Other options may be approved by the Director of Undergraduate Studies.

<sup>4</sup> May be taken multiple times during the program for credit but **must** be done in the final semester as a capstone experience. May be substituted with NUTR 691H or NUTR 692H for students completing a Senior Honors Thesis.

<sup>5</sup> If a student pursues the food studies minor, which requires NUTR 175 and four additional courses from an approved list, then they should complete NUTR 175 for the major and take 5 courses from the list that are approved for the minor that do not overlap with the major requirements. In other words, a course may not be used to fulfill multiple requirements in the major.

<sup>6</sup> Any additional 18 hours (not including gen ed, core courses for the major, and additional requirements for the major).














### Nutrition Major, B.S.P.H.–Nutrition Science and Research

In addition to the program requirements listed below, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- earn a C (not C-) or better in all prerequisite, core, and additional courses required for the major
- take at least half of their major course requirements (courses and credit hours) at UNC–Chapel Hill

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Courses</b>		
Public Health Core Courses:		
BIOS 600	Principles of Statistical Inference <sup>1</sup>	3
EPID 600	Principles of Epidemiology for Public Health <sup>1</sup>	3
SPHG 351	Foundations of Public Health <sup>1</sup>	3
SPHG 352	Public Health Systems and Solutions <sup>1</sup>	4
Other Core Courses: <sup>2</sup>		

NUTR 295	Undergraduate Research Experience in Nutrition <sup>5</sup>	3
NUTR 400	Introduction to Nutritional Biochemistry	3
NUTR 600	Human Metabolism: Macronutrients	3
NUTR 611	Food And Your Life Stages	3
NUTR 620	HUMAN METABOLISM: MICRONUTRIENTS	3
NUTR 692H	Honors Research in Nutrition (optional)	3
<b>Additional Requirements <sup>2</sup></b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>3, H, F</sup>	4
BIOL 103	 How Cells Function <sup>4, F</sup>	3
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>3, H</sup>	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>3, H, F</sup>	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>3, H, F</sup>	4
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>H</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>3, H</sup>	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and  Laboratory in Organic Chemistry <sup>H</sup>	4
MATH 231	 Calculus of Functions of One Variable I <sup>3, H, F</sup>	4
NUTR 240	Introduction to Human Nutrition <sup>3</sup>	3
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	4
or PHYS 118	 Introductory Calculus-based Mechanics and Relativity	
PHYS 115	 General Physics II: For Students of the Life Sciences <sup>F</sup>	4
or PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta	
<b>Total Hours</b>		<b>76</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Must receive a C (not C-) or better.

<sup>2</sup> All other courses for the nutrition major, including science required courses, must receive a C (not C-) or better.

<sup>3</sup> Prerequisite course required for admission to the program.

<sup>4</sup> BIOL 220 (Molecular Genetics) is also recommended for students planning to apply to graduate and medical schools

<sup>5</sup> May be taken multiple times during the program for credit but **must** be done in the final semester as a capstone experience. May be substituted with NUTR 691H or NUTR 692H for students completing a Senior Honors Thesis.

## Dual Bachelor's–Master's Degree Program

The Department of Nutrition offers a B.S.P.H.–M.S. dual degree for students who wish to increase their knowledge in nutrition and acquire additional skills in nutrition-based research. This dual degree will be useful for students interested in becoming researchers in industry, program officers for nongovernmental and governmental organizations, project or laboratory managers in academic or nonacademic settings, international workers in nutrition-related programs, and graduate students pursuing a doctoral degree or eventually attending medical or another professional school. B.S.P.H.–M.S. students will perform advanced research in nutrition and take graduate nutrition and other courses that will provide the information and experience needed to help them choose their career path. Additionally, for those students who are uncertain about whether they wish to enter the department's doctoral program, the B.S.P.H.–M.S. program offers an excellent opportunity to determine whether a more advanced degree would be appropriate. The B.S.P.H.–M.S. degree is not specific to any of the department divisions; rather, it builds on the work (both classroom-based and research) begun in the B.S.P.H. program. In summary, the B.S.P.H.–M.S. program in nutrition allows students the opportunity to explore nutritional research at an advanced level. The program can be completed in one calendar year (summer, fall, spring) following completion of the B.S.P.H. in nutrition program.

Nutrition B.S.P.H. students interested in the dual-degree program are strongly advised to consult their research advisor and the director of undergraduate studies in nutrition during their junior year to discuss eligibility and an appropriate plan of study. For more information see the B.S.P.H.–M.S. Dual Degree Nutrition Handbook (<https://sph.unc.edu/nutr/unc-nutrition/student-life/nutr-degrees/>).

## Special Opportunities in Nutrition Honors in Nutrition

The Department of Nutrition provides an opportunity for honors study for qualified students. To be eligible for admission to the honors program students must have, at a minimum, a cumulative grade point average of 3.3 at the beginning of their senior year and must maintain the grade point average throughout the major if they intend to pursue honors. Students register for NUTR 295 (three credits) in the fall and/or spring semester of the first year and then enroll in NUTR 691H and NUTR 692H (six credits) in their final two semesters while completing an honors thesis in nutrition.

## Departmental Involvement

The Nutrition Coalition (<http://studentlife.unc.edu/organization/nutritioncoalition/>) meets several times each semester to address student concerns and to plan service and social activities. Open to the entire University, the coalition strives to broaden the scope of understanding of the various fields and environments in which nutrition is making advances. The Food Justice student organization seeks to facilitate student and faculty involvement in food justice issues through fostering a more inclusive environment for individuals of all backgrounds. Career development workshops are available each year to provide guidance for students applying to graduate and medical schools.

## Experiential Education

Two courses in nutrition include experiential components (NUTR 245 and NUTR 295). However, NUTR 295, available only to nutrition majors, fulfills the General Education experiential education requirement.

## Undergraduate Awards

Nutrition honors research students may apply for the honors undergraduate research awards. The application is available on the Honors Carolina (<http://honorscarolina.unc.edu>) Web site. Students also may be considered for any of the following awards: Chancellor's Awards for Excellence in Student Activities and Leadership, The Order of the Golden Fleece, The Order of the Grail-Valkyries, The Order of the Old Well, Frank Porter Graham Honor Society, Phi Beta Kappa, and the Joseph Edozien Outstanding Undergraduate Award in Nutrition.

## Undergraduate Research

To enhance students' general education and help them decide whether a research career is something they might pursue, all B.S.P.H. nutrition students are required to complete nutrition research for at least one semester (final semester as capstone), either as part of the honors thesis or as independent research.

## Contact Information

### Department of Nutrition

Visit Program Website (<https://sph.unc.edu/nutr/unc-nutrition/>)  
260 Rosenau, CB# 7461  
(919) 966-7212

### Program Co-director

Ian Carroll  
[ian\\_carroll@med.unc.edu](mailto:ian_carroll@med.unc.edu)

### Chair

Melinda Beck  
[melinda\\_beck@unc.edu](mailto:melinda_beck@unc.edu)

### Program Director

Ian Carroll  
[ian\\_carroll@med.unc.edu](mailto:ian_carroll@med.unc.edu)

General Student Inquiries  
[nutrition@unc.edu](mailto:nutrition@unc.edu)

## Department of Pathology and Laboratory Medicine

### Introduction

Pathology is the study of disease, its causes, development, and consequences. It is concerned with basic mechanisms of disease processes (pathobiology) and their structural/functional manifestations. Pathology combines the tools and the basic knowledge from many disciplines, such as molecular biology, cell biology, biochemistry, genetics, immunology, anatomy, and clinical sciences, to clarify the cause (etiology), natural course (pathogenesis), and diagnosis of disease. The department offers several pathology courses appropriate for undergraduate study.

In addition to formal courses, faculty members in the Department of Pathology and Laboratory Medicine of the UNC School of Medicine maintain active research programs and engage in training predoctoral students and postdoctoral fellows in a range of research endeavors.

Undergraduate students interested in participating in a hands-on research experience should contact the director of graduate studies in pathology for more information. Contact information is available on the department's website (<https://www.med.unc.edu/pathology/>).

### Graduate Programs

- M.S. in Pathology (<http://catalog.unc.edu/graduate/schools-departments/pathology-laboratory-medicine/>)
- Ph.D. in Pathology (<http://catalog.unc.edu/graduate/schools-departments/pathology-laboratory-medicine/>)

## PATH—Pathology Undergraduate-level Courses

### PATH 128. Biology of Human Disease. 3 Credits.

Open to all undergraduates. An overview of basic human molecular and cellular biology in the setting of common human diseases. The course emphasizes how an understanding of disease mechanisms provides the knowledge base for informed use of modern health care. Does not count as a course in the major.

### Rules & Requirements

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### PATH 426. Biology of Blood Diseases. 3 Credits.

An introduction to the biology and pathophysiology of blood and the molecular mechanisms of some human diseases: anemias; leukemias; hemorrhagic, thrombotic, and vascular disorders; and HIV disease/AIDS. Honors version available.

### Rules & Requirements

**Requisites:** Prerequisites, BIOL 205; or BIOL 103 and BIOL 104 and BIOL 240; or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** BIOL 426.

### PATH 462. Experimental Pathology. 1-9 Credits.

Hours, credits, and instructor to be arranged on an individual basis. Hands-on research experience in a predetermined instructor's laboratory. Students learn and apply specific techniques and participate in investigations of molecular mechanisms responsible for disease processes (pathobiology). Contact the director of graduate studies in pathology for information. May be repeated.

### Rules & Requirements

**Grading Status:** Letter grade.

### PATH 464. Light Microscopy. 3 Credits.

Permission of the instructor. Course focuses on practical fundamentals of light microscopy including optics, contrast mechanisms, fluorescence, laser scanning confocal microscopy, photography, and digital imaging.

## Contact Information

### Department of Pathology and Laboratory Medicine

Visit Program Website (<http://www.med.unc.edu/pathology/>)  
Brinkhous-Bullitt Building, CB# 7525  
(919) 966-4676

### Director of Graduate Studies

Andrew B. Gladden

agladden@email.unc.edu

#### Chair

Russell Broaddus

rbroaddus@med.unc.edu

# Curriculum in Peace, War, and Defense

## Introduction

Peace and war are among the oldest dreams and most difficult challenges of human experience. The curriculum brings together faculty and courses from many disciplines to provide undergraduates with a range of approaches to the fundamental issues of human conflict and national and global security and defense. The curriculum prepares majors for graduate work in several of the humanities and social sciences, for a variety of professional schools, and for a range of employment. Graduates have found employment with federal agencies, state and local governments, banks, and other businesses. Others have attended graduate and professional schools in government, history, international relations, and law. The strength of the curriculum is its broad interdisciplinary perspective combined with its depth of focus on topics that span the range of human experience across time and national boundaries, from science and technology to ethics and public policy. In addition to coursework, the curriculum sponsors guest speakers and field trips, and provides majors with help and advice on internships and career planning.

## Advising

All majors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The curriculum's student services manager and the chair work with current and prospective majors by appointment (see contacts tab above). Further information on courses, internships, the honors program, careers, and graduate schools may be obtained from the curriculum's website (<https://pwad.unc.edu/>).

## Graduate School and Career Opportunities

The curriculum prepares majors for graduate work in several of the humanities and social sciences, for a variety of professional schools, and for a range of employment. Graduates work for federal agencies, state and local governments, nongovernmental organizations, businesses, and other employers. Others have attended graduate and professional schools in government, history, international relations, and law.

#### Majors

- Peace, War, and Defense Major, B.A. (p. 755)

#### Minors

- Conflict Management Minor (p. 759)

## Advisory Committee

Navin Bapat (Political Science), Major Matthew J. Angel (N.C. Piedmont Consortium), Peter Coclanis (History), Cori Dauber (Communication), Stephen Gent (Political Science), Andrew Hertel (Naval Science), Dan Hurd (Military Science), Klaus Larres (History), Wanye Lee (History), Hilary

Lithgow (English), Patricia Sullivan (Public Policy), Lt. Col. Brie Vihlen (Aerospace Studies), Jonathan Weiler (Global Studies).

## Adjunct Professors

Navin Bapat (Political Science), Cori Dauber (Communication), Stephen Gent (Political Science), Joseph Glatthaar (History), Karen Hagemann (History), Klaus Larres (History), Miguel La Serna (History), Wayne Lee (History), Fred Naiden (History).

## Adjunct Associate Professors

Michael Morgan (History), Patricia Sullivan (Public Policy).

## Teaching Associate Professor

Joseph Caddell (History).

## Teaching Assistant Professors


Joseph Ross (Peace, War, and Defense) Andrew Sisson (Peace, War, and Defense).

## Professors of the Practice

Dennis Blair (Peace, War, and Defense), Noor Ghazi (Peace, War, and Defense), Shai Tamari (Center for the Study of Middle East and Muslim Civilizations), Erinn Whitaker (Peace, War, and Defense).


## PWAD—Peace, War, and Defense

### Undergraduate-level Courses

 **PWAD 69. First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan. 3 Credits.**

In this seminar, we will explore the various ways that Iran-Iraq, United States-Iraq, and United States-Afghanistan wars have been portrayed in literature, film, and photography. We will deepen and enrich our understanding of war experienced by both veterans and civilians. We will also read articles on war criticism and psychology.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-CREATE or FC-GLOBAL.  
**Making Connections Gen Ed:** LA, CI, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 69.

 **PWAD 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.



**PWAD 101. Making Public Policy. 3 Credits.**

Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** PLCY 101.

**PWAD 108. Our Energy and Climate Crises: Challenges and Opportunities. 4 Credits.**

Students quantify global depletion of energy resources and accompanying environmental degradation, hence discovering the profound changes in attitudes and behavior required to adjust to diminished fossil fuels and modified climate.

**Rules & Requirements**

**Making Connections Gen Ed:** PL, GL.

**Grading Status:** Letter grade.

**Same as:** ENEC 108.

**PWAD 110. Global Policy Issues. 3 Credits.**

Global issues are challenges whose sources, impacts, and solutions extend beyond the borders of any one country. This course introduces students to some of the most pressing issues facing populations around the globe and to possible policy responses. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PLCY 110, GLBL 110.

**PWAD 120. World Regional Geography. 3 Credits.**

A survey of the geographic structure of human activity in major world regions and nations. Emphasizes current developments related to population, urbanization, and economic activity. (Core)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** GEOG 120.

**PWAD 132. Modern Southeast Asia. 3 Credits.**

The history of Southeast Asia from the 19th century to the present. Long-term political, economic, social, and intellectual questions, including the impact of imperialism, the rise of nationalism, the transformation of the economy, the Cold War, and the coherence of Southeast Asia as a region.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 132, ASIA 132.

**PWAD 134. Modern East Asia. 3 Credits.**

Comparative and interdisciplinary introduction to China and Japan in the 19th and 20th centuries, focusing on impact of the West, nation building, industrialization, and evolution of mass society.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 134, ASIA 134.

**PWAD 150. International Relations and Global Politics. 3 Credits.**

An introduction to the study of political and economic relations in the international system. Topics covered include international conflict, trade, global finance, international institutions, civil war, and human rights. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-GLOBAL.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** POLI 150.

**PWAD 161. Literature of War from World War I to the 21st Century. 3 Credits.**

This is a class about literature and war and what each might teach us about the other. We will consider a range of texts and center our work around this question: what, if anything, can a work of art help us see or understand about war that might not be shown by other means? Students may not receive credit for both ENGL 73 and ENGL 161.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**Same as:** ENGL 161.

**PWAD 205. War, Diplomacy, and Statecraft, 1618-1815. 3 Credits.**

The history of European international politics from the outbreak of the Thirty Years War to the Congress of Vienna. Considers the sources of national power, the reasons for war, and the changing nature of diplomacy.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** GL, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 205.

**PWAD 206. War, Diplomacy, and Statecraft, 1815-1945. 3 Credits.**

The history of international politics from the fall of Napoleon to the end of the Second World War, with special attention to European nationalism, imperialism, the emergence of non-European great powers, the reasons for war, and the search for peace.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 206.

**PWAD 207. The Global Cold War. 3 Credits.**

A survey of the Cold War from its origins in the aftermath of the Second World War to its conclusion in the late 1980s. Focuses on the geopolitical, military, ideological, and economic aspects of the global superpower conflict.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 207.

**PWAD 212. History of Sea Power. 3 Credits.**

The influence of sea power on international affairs will be surveyed from ancient times to the present. Emphasis on United States naval history and its interaction with diplomacy, economics, and technology.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 212.

**PWAD 213. Air Power and Modern Warfare. 3 Credits.**

Examines air power theory and practice from 1914 to the present. Focuses on the application of air power as an instrument of war and the effectiveness of that application.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 213, AERO 213.

**PWAD 220. The Politics of Public Policy. 3 Credits.**

Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** PLCY 220.

**PWAD 235. Israeli Cinema: Gender, Nation, and Ethnicity. 3 Credits.**

The course explores major periods and trends in Israeli cinema. Focus is given to issues pertaining to gender, ethnicity, and the construction of national identity. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 235, JWST 235.

**PWAD 238. The American Revolution, 1763-1815. 3 Credits.**

Major topics: constitutional conflict in the British empire; independence and war; Confederation and Constitution; growth of political parties and nationality in a period of domestic change and international conflict. Previously offered as HIST/PWAD 564.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 238.

**PWAD 245. The United States and the Cold War: Origins, Development, Legacy. 3 Credits.**

This is both a wide-ranging and detailed course that looks at the origins, the evolution, and the termination of the Cold War from 1945 to 1989/90. It also considers the "New Cold War" with Russia that developed in 2014. The course is based on an international and multinational perspective.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 245.

**PWAD 248. Guerrillas and Counterinsurgencies in Latin America. 3 Credits.**

This course examines the leftist guerrilla movements that swept Latin America and the Caribbean during the latter half of the 20th century. Students will analyze the origins, trajectories, and legacies of these insurgencies, paying particular attention to the roles of race, class, and gender. Previously offered as HIST/PWAD 528.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 248.

**PWAD 250. Introduction to Peace and Security Studies. 3 Credits.**

Introduction to the problem of war and violent conflict in human experience and the contemporary world, and efforts to prevent, avoid, or ameliorate war and its effects. Content will vary by instructor and disciplinary perspective but will include causes of war, deterrence, irregular war, and the future of war. Previously offered as PWAD 350.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Grading Status:** Letter grade.

**PWAD 251. The Thirty Years War (1618-1648): Europe in an Age of Crisis. 3 Credits.**

A critical examination of the significance of the Thirty Years' War for 17th-century Europe's social, religious, military, and geopolitical history. The representation of the conflict in art and literature also receives attention.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 251.

**PWAD 252. International Organizations and Global Issues. 3 Credits.**

Examines international organizations and their relationships with and impact upon international politics, international law, and selected global issues. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** POLI 252.

**PWAD 253. Problems in World Order. 3 Credits.**

An examination of selected topics in international relations, such as security and defense, international integration, and north-south relations.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** POLI 253.

**PWAD 254. War and Society in Early Modern Europe. 3 Credits.**

A critical examination, from the Renaissance to the Napoleonic period, of the changes in European land and naval warfare and their impact on society and government.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 254.

**PWAD 260. Crisis and Change in Russia and Eastern Europe. 3 Credits.**

Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** POLI 260, SOCI 260.

**PWAD 262. History of the Holocaust: The Destruction of the European Jews. 3 Credits.**

Anti-Semitism; the Jews of Europe; the Hitler dictatorship; evolution of Nazi Jewish policy from persecution to the Final Solution; Jewish response; collaborators, bystanders, and rescuers; aftermath.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 262, JWST 262.

**PWAD 266. Global History of Warfare. 3 Credits.**

The history of warfare from its prehistoric origins to the present. The focus is on interactions between peoples around the world and particularly on the problems of innovation and adaptation. Previously offered as HIST/PWAD 351.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 266.

**PWAD 268. War, Revolution, and Culture: Trans-Atlantic Perspectives, 1750-1850. 3 Credits.**

The course explores the dramatic historical changes from 1750 to 1850 and their intersection with and reflection in arts, literature, and music in a trans-Atlantic perspective.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**PWAD 272. The Ethics of Peace, War, and Defense. 3 Credits.**

An analysis of ethical issues that arise in peace, war, and defense, e.g., the legitimacy of states, just war theory, terrorism, weapons of mass destruction.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, GL, NA.

**Grading Status:** Letter grade.

**Same as:** PHIL 272, POLI 272.

**PWAD 273. Water, Conflict, and Connection in the Middle East. 3 Credits.**

Water has played many pivotal roles in the societies and politics of Middle Eastern peoples. This course will survey the history of water in the region, including its uses in agriculture and ritual, transport, and technology. We will explore water's impact on public health and the effects of water pollution on local societies. Finally, we will focus on the effects of the region's water scarcity in cross-border political conflicts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 273.

**PWAD 277. The Conflict over Israel/Palestine. 3 Credits.**

Explores the conflict over Palestine during the last 100 years. Surveys the development of competing nationalisms, the contest for resources and political control that led to the partition of the region, the war that established a Jewish state, and the subsequent struggles between conflicting groups for land and independence.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 277, ASIA 277.

**PWAD 280. Anthropology of War and Peace. 3 Credits.**

Cross-cultural perspectives on war in its relation to society, including Western and non-Western examples. Surveys political, economic, and cultural approaches to warfare and peacemaking.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 280.

**PWAD 281. The Pacific War, 1937-1945: Its Causes and Legacy. 3 Credits.**

An examination of the origins of the Pacific War, the course of this bitter and momentous conflict, and its complex legacy for both Asia and the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 281, ASIA 281.

**PWAD 283. Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt. 3 Credits.**

This course investigates how philosophical thought motivates, inspires, and generates forms of agency and identity against cultural tendencies that limit or erode freedom. Readings, lecture, and discussion in English.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**Same as:** GERM 283.

**PWAD 287. Strategy and International Relations. 3 Credits.**

Introduction to the study of strategic decision making in international relations, with an emphasis on the application of basic game theoretic models. Incorporates in-class simulations of international relations scenarios.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT.

**Making Connections Gen Ed:** SS, GL, QI.

**Grading Status:** Letter grade.

**Same as:** POLI 287.

**PWAD 289. Sounds of War and Revolution. 3 Credits.**

Music's roles in war and revolution within various political, social, and cultural contexts. Part of the cluster "War, Revolution and Culture-Transatlantic Perspectives, 1750-1850."

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** MUSC 289.

**PWAD 300. Apology, Forgiveness, and Reconciliation - The Case of Northern Ireland. 3 Credits.**

The course, which will take place in Belfast, Northern Ireland, aims to answer the following question: What does it take for an individual and a group to heal? And what does reconciliation mean and look like? The platform of Northern Ireland's conflict (aka "The Trouble") will be used to understand the challenges and successes of healing on an individual and group level. The course will provide a nuanced understanding of apology and forgiveness.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL, HI-ABROAD.

**Grading Status:** Letter grade.

**Same as:** GLBL 300.

**PWAD 312. History of France and Algeria. 3 Credits.**

This course covers France's conquest, rule, and loss of Algeria, and the relationship between French and Algerian people in Algeria and France from 1830 to the present. Topics such as modern French and North African history, colonialism, Islam, immigration, terror/torture, and cross-cultural exchange are all featured in this transnational course.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 312.

**PWAD 331. Cracking India: Partition and Its Legacy in South Asia. 3 Credits.**

What happened when the British carved Pakistan out of the predominately Muslim corners of India? Readings and films focus on the causes and consequences of this event, the Partition of India. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 331, HIST 335.

**PWAD 352. The History of Intelligence Operations. 3 Credits.**

This course reviews the historic development of intelligence organizations and operations. Primary focus is on the modern world and the correlation between intelligence and national security concerns.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**PWAD 353. Intelligence Analysis: Research Methods and Writing. 3 Credits.**

Examines intelligence analysis methodology and products from a variety of settings and customer-types. An overview of the intelligence process and of collection strategies will also be conducted. The primary emphasis will be on conducting actual analysis of raw information to produce an intelligence estimate as a capstone to the course.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PWAD 354. War and Gender in Movies. 3 Credits.**

The course examines and compares the images of war and gender that movies from different time periods and countries propagate and explores the different factors that influence these images and thereby the perception and recollection of war. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 354, WGST 353.

**PWAD 355. Terrorism and Political Violence. 3 Credits.**

This course is a multi-disciplinary analysis of the phenomena of terrorism and political violence, their history, causes, the threat they pose, and what steps the United States can take in response.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** COMM 355.

**PWAD 356. Strategic Intelligence and International Security. 3 Credits.**

Course investigates policies, issues, key problems, and potential solutions in strategic intelligence and international security. In addition to readings and class simulations, the students will write an issue paper similar to those prepared within the national security community assessing the future environment and suggesting policies and strategies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PWAD 357. International Intelligence Services. 3 Credits.**

This course examines international intelligence services within the context of national and homeland security. Prominent subjects include human intelligence (HUMINT), covert action, and counterintelligence, as well as the organizations, missions, and functions of international intelligence and security services.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PWAD 358. Cyber Security: Advanced and Persistent Threats to National Security. 3 Credits.**

Course investigates the concept, framework, and applications of cyber security; analyzes the relevant contextual background and current cyber security issues. Addresses cyber security from the perspective of the relevance of cyber security within national and international security policy formulation and implementation. Not a computer science nor information technology course.


**Rules & Requirements**

**Grading Status:** Letter grade.

 **PWAD 359. Comparative History of National Intelligence Regimes. 3 Credits.**

Explores the origins and evolution of national intelligence regimes in various countries throughout the latter half of the 20th century. Includes comparative examples from intelligence services in the United States, the Soviet Union and post-Soviet Russia, Israel, Great Britain, China, and Iraq. Applies historical knowledge to understanding current intelligence issues, such as telecommunications monitoring, drone warfare, and counterterrorism.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**PWAD 360. The History of Warning Intelligence. 3 Credits.**

Course studies the evolution of the warning mission and its role in modern intelligence organizations. Primarily but not entirely focused on the American experience. Ancient through modern case studies are used with a particular emphasis on the methodologies developed to improve warning and the problems inherent to the warning mission.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.


**PWAD 361. The History of Deception. 3 Credits.**

Course examines strategic, operational, and tactical deception in warfare through history. This process entails describing and assessing the objectives, methodologies, and results of specific deception operations. There is a particular emphasis on the role of deception regarding intelligence collection and analysis, as well as the methods utilized to detect deception.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

 **PWAD 363. Ethical Issues in Intelligence and National Security. 3 Credits.**

An exploration of the unique ethical and moral challenges that intelligence and national security present for policymakers, intelligence professionals, and citizens. Examples are drawn from a variety of places and times throughout history, with an emphasis on U.S. examples.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Grading Status:** Letter grade.

**PWAD 364. Post-Conflict and Peacebuilding. 3 Credits.**

This course considers theories of peacebuilding and state-building, investigates the various challenges facing post-conflict states, and assesses the role that international actors play in this process. Case study based.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PWAD 368. War and American Society to 1903. 3 Credits.**

The American military experience from colonial times to the early 20th century. Major themes include the problem of security, the development of military policies and institutions, and the way in which the country waged and experienced war.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 368.

**PWAD 369. War and American Society. 3 Credits.**

Survey of America's military experience in the 20th century, focusing on national security policy, military institutions, World Wars I and II, the Cold War, the Korean and Vietnam Wars, and recent interventions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 369.

**PWAD 373. The United States in World War II. 3 Credits.**

A history of the United States in World War II (1941-1945): home front and military front.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 373.

**PWAD 388. Chinese Strategic Thought: Antiquity to the Present. 3 Credits.**

This course will introduce undergraduates to Chinese strategic and military thought through the translated writings of some of China's most significant philosophers, intellectuals, and political leaders, from antiquity to the present. Students will explore historical characteristics of Chinese strategy and consider the influence of these ideas in current international relations.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 388.

 **PWAD 393. Internship in Peace, War, and Defense. 3 Credits.**

Students are encouraged to undertake unpaid internships with branches of the federal government, international organizations, and selected nongovernment organizations. Pass/Fail only, with the written approval of the department chair. Does not count as a course in the major, but can be combined with an independent study such as PWAD 396.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Grading Status:** Pass/Fail.

**PWAD 396. Independent Study in Peace, War, and Defense. 1-6 Credits.**

Permission of the instructor. Independent study and reading. Special reading and research activities in a selected field under the supervision of a faculty member.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PWAD 411. Social Movements. 3 Credits.**

Examines the origins, dynamics, and consequences of protest and social movements including historical and contemporary movements from the United States and around the globe. Students may not receive credit for both SOCI 413 and 411.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** SOCI 411.

**PWAD 416. Constitutional Policies and the Judicial Process. 3 Credits.**

Analysis of the structure and functions of judicial systems emphasizing the organization, administration, and politics of judicial bureaucracies and roles of judges, juries, counsel, litigants, and interested groups in adjudication processes.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** POLI 416.

**PWAD 421. Alexander. 3 Credits.**

The rise of Macedonia; the careers of Philip II and Alexander (with emphasis on the latter's campaigns); the emerging Hellenistic Age. The course integrates computer (including Web site) and audiovisual materials throughout.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 421.

**PWAD 422. Ancient Greek Warfare. 3 Credits.**


War and the warrior in the archaic and classical Greek world, seventh to the fourth centuries BCE. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 422.

 **PWAD 425. Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music. 3 Credits.**

Focuses on the various collaborations, exchanges, and mutual enrichment between Israelis and Palestinians in the realm of culture, particularly literature and cinema. These connections include language (Israeli Jewish authors writing in Arabic and Palestinian writers who choose Hebrew as their language of expression), collaborating in filmmaking, and joint educational initiatives.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 425, JWST 425.

 **PWAD 427. Cold War Culture in East Asia: Transnational and Intermedial Connections. 3 Credits.**

This course introduces students to the specific contours that the Cold War accrued in East Asia. Focusing on literature and film, it explores what the fall of the Japanese Empire and the emergence of the post-1945 world meant across the region.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** ASIA 427, CMPL 527.

**PWAD 430. Analysis of National Security Policy. 3 Credits.**

Course explores contemporary threats to national security, approaches to national security strategy, policy instruments, the role of military force, and the policy-making process.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PLCY 430, POLI 430.

**PWAD 432. The Crusades. 3 Credits.**

Students in this course will examine Christian attitudes toward holy war, crusading, and other forms of coercive violence from the 11th until the 15th centuries, with a focus on the major crusades of the Holy Land.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

 **PWAD 435. The Cinemas of the Middle East and North Africa. 3 Credits.**

This course explores the social, cultural, political, and economic contexts in which films are made and exhibited and focuses on shared intra-regional cinematic trends pertaining to discourse, aesthetics, and production.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 435, CMPL 535.

**PWAD 443. American Foreign Policy: Formulation and Conduct. 3 Credits.**

The role of Congress, the press, public opinion, the president, the secretary and the Department of State, the military, and the intelligence community in making American foreign policy. Emphasizes the impact of the bureaucratic process on the content of foreign policy.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, POLI 150; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** POLI 443.

 **PWAD 444. Terrorism and International Peace. 3 Credits.**

The U.S. 9/11 attack represents the defining terrorist attack to Americans, but in most of the world, terrorism has long been part of politics. We will examine what motivates individuals to consider violence, how individuals organize to protect their political interests, the types of tactics used by violent groups and the state's response, before concluding with a study of collapsed states, the international implications of political violence, and possibilities for conflict resolution.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** POLI 444.

 **PWAD 450. Internal and Interpersonal Conflict Management. 3 Credits.**

This course aims to provide students with the tools necessary to most effectively engage in interpersonal conflicts. Students engage with diverse conflict management practitioners—from formally incarcerated individuals to public policy negotiation to international conflict mediators and role-play cross-cultural communication, inter-governmental negotiations, human rights, and workplace negotiations. Students will learn new negotiation and mediation skills, build upon existing ones, and learn to cope with stress, discomfort, and emotions when in conflict. Previously offered as PLCY/PWAD 330.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**Same as:** PLCY 450.

 **PWAD 452. Africa and International Conflict. 3 Credits.**

The purpose of this course is to examine Africa's conflicts using an historical examination and advances in international relations theory. We will examine European colonial intervention, the wars of independence, the Cold War, and the use of proxies, insurgencies, the African World War, the Sudanese War, and the "war of terrorism."

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** POLI 452.

 **PWAD 453. Political Geography. 3 Credits.**

The geography of politics is explored at the global, the nation-state, and the local scale in separate course units, but the interconnections between these geographical scales are emphasized throughout. (GHA)

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** GEOG 453.

**PWAD 457. International Conflict Processes. 3 Credits.**


Analysis of international conflict and the causal mechanisms that drive or prevent conflict. Emphasis is on the conditions and processes of conflict and cooperation between nations.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** POLI 457.

 **PWAD 458. International Conflict Management and Resolution. 3 Credits.**

Examines the management and resolution of international and civil wars. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, POLI 150.

**Grading Status:** Letter grade.

**Same as:** POLI 458.

**PWAD 459. Trans-Atlantic Security. 3 Credits.**

The course explores the development of Euro-Atlantic security institutions (NATO, EU) and compares security policy in the United States and Europe. Cases include policy toward the Balkans, Afghanistan, Russia, and Ukraine. Includes review of concepts of security and selected international relations approaches to international organizations. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** POLI 459.

 **PWAD 460. International Economics. 3 Credits.**

An introduction to international trade, the balance of payments, and related issues of foreign economic policy.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Requisites:** Prerequisites, ECON 400 and 410; a grade of C or better in ECON 400 and 410 is required.

**Grading Status:** Letter grade.

**Same as:** ECON 460, EURO 460.

 **PWAD 462. The Arab-Jews: Culture, Community, and Coexistence. 3 Credits.**

This course is designed to examine Jewish life in Arab lands in the last century by examining culture, language, and the communal life that the Arab-Jews shared with their neighbors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 462, JWST 462.

**PWAD 465. Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe. 3 Credits.**

Historical contexts and connections through artistic representation of the Holocaust and Soviet terror in Eastern Europe and the USSR. Taught in English; some foreign language readings for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN, GL.

**Grading Status:** Letter grade.

**Same as:** GSLL 465, JWST 465.

**PWAD 469. Conflict and Intervention in the Former Yugoslavia. 3 Credits.**

Focuses on ethnic and political conflicts in the former Yugoslavia and efforts by the international community to end conflict and promote peace and reconstruction. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.


**Grading Status:** Letter grade.

**Same as:** POLI 469.

 **PWAD 481. Religion, Fundamentalism, and Nationalism. 3 Credits.**

An exploration of explosive combinations of religion and politics in the Iranian revolution, the Palestinian movement, Hindu nationalism in India, and Christian fundamentalism in America.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** RELI 481.

 **PWAD 483. Conflict, Development, and U.S. Foreign Policy. 3 Credits.**

The course will examine the drivers and consequences of violent intrastate conflict, including civil war, communal conflict, terrorism and cartel/gang violence. It will consider COVID-19 and climate change as threat multipliers. And the course will explore U.S. interests and strategies for preventing or reducing conflicts and promoting development. It will use case studies to illustrate the effectiveness of various policy instruments and the role of local and international actors, structural factors and institutions.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Grading Status:** Letter grade.

 **PWAD 484. Critical Security Studies. 3 Credits.**

Introduces major topics in the interdisciplinary field of critical security studies. Critically analyzing the public construction of risk and security in military, technological, informational, and environmental domains, the course explores major theories that attempt to make sense of the transnational proliferation of violence and risk in historical and contemporary contexts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** CI, GL.

**Grading Status:** Letter grade.

**Same as:** ENGL 488.



**PWAD 485. Extremism, Terrorism, and Security in Postwar Europe. 3 Credits.**

In the debate on how to efficiently combat terrorism without abandoning the rule-of-law, it is often neglected that this is not a new problem. This course will examine European states' reactions to national and international terrorism since the 1960s. Case studies will include Germany, Italy, and the United Kingdom. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 486.

**PWAD 486. National Security Decision Making. 1-3 Credits.**

Permission of the instructor. Explores national security policy formation through analyzing the United States national security apparatus, the elements of national power, and historical examples of their application. Also examines the merits of various approaches to national security decision making. A course for senior majors in PWAD.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PWAD 488. Nuclear Security in the 21st Century. 3 Credits.**

Examines the history of and contemporary problems associated with nuclear security and counter-proliferation.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**PWAD 489. Empire and Diplomacy. 3 Credits.**

Examines the history of the British Empire and the role of peace, war, defense, diplomacy, and letters in shaping Britain's presence on the world stage. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**Same as:** CMPL 489.

**PWAD 490. Special Topics in Peace, War, and Defense. 3 Credits.**

Subject matter will vary with instructor, but will focus on some particular topic or historical approach. Course description available from departmental office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**PWAD 517. Gender, Military, and War. 3 Credits.**

This course introduces students to new research on the history of gender, the military, and war in a comparative perspective. It explores the interrelations between changing military systems, types of warfare, the gender order, as well as political, social, and cultural currents in modern history.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 517, WGST 517.

**PWAD 565. Civil War and Reconstruction, 1848-1900. 3 Credits.**

Focus is on causes, nature, and consequences of the Civil War.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** HIST 565.

**PWAD 570. The Vietnam War. 3 Credits.**

A wide-ranging exploration of America's longest war, from 19th-century origins to 1990s legacies, from village battlegrounds to the Cold War context, from national leadership to popular participation and impact.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 570, ASIA 570.

**PWAD 574. War and Culture. 3 Credits.**

Examines American cultural myths about war generally and specifically about the causes of war, enemies, weapons, and warriors, and the way these myths constrain foreign and defense policy, military strategy, and procurement.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** COMM 574.

**PWAD 575. Presidential Rhetoric. 3 Credits.**

The power of the presidency depends in part upon the president's ability to rally public opinion, which depends upon the president's ability to use the "bully pulpit." This course examines the hurdles presidents face and the steps presidents take to shape opinion.

**Rules & Requirements**

**Requisites:** Prerequisite, COMM 170.

**Grading Status:** Letter grade.

**Same as:** COMM 575.

**PWAD 577. United States Foreign Relations in the 20th Century. 3 Credits.**

How the United States came to occupy a leading role in world affairs as a diplomatic, military, economic, and cultural power and what that role has meant to Americans and to other peoples, especially during the Cold War.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 577.

**PWAD 578. Transatlantic Relations and Contemporary Geo-Politics from the Cold War to the Present. 3 Credits.**

This course considers transatlantic relations in its security, political, and economic dimensions. The course also analyzes U.S. attempts to construct a more united European continent. It is the main aim of this course to give students a structured overview of transatlantic relations and geo-political developments from 1945 to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 578.

**PWAD 635. Military Leadership and Public Service. 3 Credits.**

Leadership as taught and demonstrated in the military and how it translates to leadership in public service, including the interrelationship of the military and other public service and the transition of veterans to civilian leadership roles.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PUBA 635.

**PWAD 652. International Law. 3 Credits.**

Permission of curriculum chair and instructor required. Practical problems of international law, including its nature; treaty making, interpretation, enforcement, and termination; recognition; territory; nationality; jurisdiction and immunities; state responsibility and international claims; and the law of war and neutrality.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **PWAD 659. War in 20th-Century Literature. 3 Credits.**

A study of literary works written in English concerning World War I, or the Spanish Civil War and World War II, or the Vietnam War. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**Same as:** ENGL 659.

**PWAD 660. War in Shakespeare's Plays. 3 Credits.**

The focus is on Shakespeare's various treatments of war in his plays: all his Roman histories, most of his English histories, all his tragedies, even some of his comedies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENGL 660.

**PWAD 670. Peace Making in the Israeli-Palestinian Conflict. 3 Credits.**

Research-intensive seminar focusing on the barriers preventing peace making from occurring. The course will make a distinction between making peace among individuals and achieving a political solution between governments and organizations.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

 **PWAD 673. Post-Conflict Security Challenges. 3 Credits.**


A research seminar exploring the post-conflict challenges associated with force demobilization, state building, and military and security sector reforms. This course considers theories of post-conflict security and investigates the assorted challenges faced by post-conflict states. Students will conduct a significant independent research project.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **PWAD 674. Research Seminar on the History of Covert Action. 3 Credits.**

Examines historical dimensions of the phenomenon known as covert action, in which states are motivated to conceal their responsibility for foreign intervention. This behavior has important and far-reaching implications for international security, diplomacy, and law that are explored through class discussions and in-depth original research projects.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

 **PWAD 675. War, Crimes against Humanity, and Justice. 3 Credits.**

This course examines the devastation of war and conflict throughout the 19th and 20th centuries; war crimes, genocide, and other atrocities; the creation of the term "Crimes against Humanity" in international law; and the various attempts to use legal trials to bring about peace and justice in a chaotic world. We will explore the challenges of international institutions and international laws in maintaining peace in a world of nation-states and national sovereignty.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

 **PWAD 676. Law and National Security from the U.S. Civil War to the Global War on Terror. 3 Credits.**


This seminar examines themes of good governance and the rule of law in United States history from 1860 to the present. It is targeted at students seeking to acquire graduate level knowledge of national and international security legal and policy issues, and to apply that knowledge to an independent research effort.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** HS, EE- Mentored Research.

**Grading Status:** Letter grade.

 **PWAD 680. Research Seminar in Peace, War, and Defense. 3 Credits.**

Undergraduate research seminar intended to provide an intensive research and writing experience for juniors and seniors in the major. Topic will vary by instructor. This course will emphasize developing research, writing, and presentation skills in topics relevant to the study of the problems of peace and security.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.


**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.


**PWAD 690. Seminars in Peace, War, and Defense. 3 Credits.**  
Seminars on aspects of peace, war, and defense that lead to the production of a significant research product. Past topics have included arms control, public opinion and national security, and the Cold War.


**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.  
**Grading Status:** Letter grade.


 **PWAD 691H. Honors in Peace, War, and Defense. 3 Credits.**  
Permission of the instructor. Directed research on an independent basis for majors who are preparing an honors thesis and for the oral examination on the thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.  
**Making Connections Gen Ed:** EE- Mentored Research.  
**Grading Status:** Letter grade.

 **PWAD 692H. Honors in Peace, War, and Defense. 3 Credits.**  
Directed research on an independent basis for majors who are preparing an honors thesis and for the oral examination on the thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.  
**Making Connections Gen Ed:** EE- Mentored Research.  
**Requisites:** Prerequisite, PWAD 691H.  
**Grading Status:** Letter grade.

## Contact Information

**Curriculum in Peace, War, and Defense**  
Visit Program Website (<https://pwad.unc.edu/>)  
401 Hamilton Hall, CB# 3200  
(919) 962-3093

**Chair and Director of Undergraduate Studies**  
Navin Bapat  
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**Student Services Manager**  
Shakierah Clark  
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## Peace, War, and Defense Major, B.A.

Peace and war are among the oldest dreams and most difficult challenges of human experience. The curriculum brings together faculty and courses from many disciplines to provide undergraduates with a range of approaches to the fundamental issues of human conflict and national and global security and defense.

### Student Learning Outcomes

Upon completion of the peace, war, and defense program, students should be able to:

- Express themselves effectively in written and oral communication
- Use appropriate research methodology
- Demonstrate knowledge of major concepts, theoretical perspectives, and history of peace and war



















- Think critically and analytically in approaches to the concepts, perspectives, and history of peace and war
- Demonstrate knowledge of the interrelationships between the various disciplinary approaches to the study of peace and war


## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
HIST/PWAD 266	 Global History of Warfare	3
PHIL/PWAD 272	 The Ethics of Peace, War, and Defense	3
PWAD 250	 Introduction to Peace and Security Studies	3
Four courses from one concentration (see course lists below) <sup>1</sup>		12
Two courses chosen from outside the area of concentration (see course lists below) <sup>1</sup>		6
<b>Additional Requirements</b>		
Through level 5 of a single modern foreign language. <sup>2</sup>		3
All General Education requirements must be met. In fulfilling General Education requirements, majors should consider the following courses as helpful preparation for the curriculum:		
ANTH 101	 General Anthropology <sup>H</sup>	
ECON 101	 Introduction to Economics <sup>H, F</sup>	
HIST 127	 American History to 1865	
HIST 128	 American History since 1865	
HIST 140	 The World since 1945	
HIST 158	 Early Modern European History, 1450-1815	
HIST 159	 From War to Prosperity: 20th-Century Europe	
MATH 152	 Calculus for Business and Social Sciences <sup>F</sup>	
PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory <sup>H</sup>	
PHIL 170	 Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought <sup>H</sup>	
POLI 100	 American Democracy in Changing Times <sup>H, F</sup>	
POLI 150	 International Relations and Global Politics <sup>H, F</sup>	
POLI 239	 Introduction to European Government <sup>H</sup>	
PSYC 101	 General Psychology <sup>F</sup>	
SOCI 101	 Sociological Perspectives <sup>H</sup>	

STOR 151	 Introduction to Data Analysis	
<b>Total Hours</b>		<b>30</b>












<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.













<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> PWAD 396, PWAD 680, PWAD 490, PWAD 690 and PWAD 691H may be applied toward the concentration requirement with the permission of the chair. Students can request that relevant courses not on this list, but offered as first-year seminars, honors seminars, or topics courses in other departments, be used to fulfill major requirements. This requires the approval of the chair.

<sup>2</sup> Alternatively, students can take one semester of POLI 281 or STOR 151 or STOR 155, or students may suggest a substitute statistics-heavy methodology course.



















## The Culture of Peace and War







Code	Title	Hours
ANTH 280	 Anthropology of War and Peace	3
ASIA/HIST 276	 The Modern Middle East	3
ASIA/JWST/ PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3
ASIA/JWST/ PWAD 462	 The Arab-Jews: Culture, Community, and Coexistence	3
ASIA/PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ASIA/PWAD 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
ASIA/PWAD 435	 The Cinemas of the Middle East and North Africa	3
ASIA/PWAD 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3
CMPL/PWAD 489	Empire and Diplomacy <sup>H</sup>	3
COMM 574	War and Culture	3
COMM/PWAD 355	Terrorism and Political Violence	3
COMM/PWAD 575	Presidential Rhetoric	3
ENGL/PWAD 161	 Literature of War from World War I to the 21st Century	3
ENGL 659	 War in 20th-Century Literature <sup>H</sup>	3
ENGL 660	War in Shakespeare's Plays	3
ENGL 488/ PWAD 484	 Critical Security Studies	3
GERM/PWAD 283	Freedom, Terror, and Identity: Modern Philosophy from Kant to Arendt	3

GSLL 84	 First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3
GSLL 85	 First-Year Seminar: Children and War	3
GSLL/JWST/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
HIST 134	Modern East Asia	3
HIST/PWAD 248	Guerrillas and Counterinsurgencies in Latin America	3
HIST 254	 War and Society in Early Modern Europe	3
HIST 262	 History of the Holocaust: The Destruction of the European Jews	3
HIST 277	 The Conflict over Israel/Palestine	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 373	The United States in World War II	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 432	The Crusades	3
HIST 565	Civil War and Reconstruction, 1848-1900	3
HIST 570	The Vietnam War	3
HIST/PWAD 273	 Water, Conflict, and Connection in the Middle East	3
HIST/PWAD 354/ WGST 353	War and Gender in Movies <sup>H</sup>	3
HIST/PWAD/ WGST 517	Gender, Military, and War	3
LAW 252	International Law (permission of the PWAD chair and instructor)	3
MEJO 653	Leadership in a Time of Change <sup>H</sup>	3
MUSC 289	Sounds of War and Revolution	3
PLCY/PWAD 450	 Internal and Interpersonal Conflict Management	3
POLI 260	 Crisis and Change in Russia and Eastern Europe	3
POLI 416	Constitutional Policies and the Judicial Process	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
POLI 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI/PWAD 458	 International Conflict Management and Resolution <sup>H</sup>	3
PWAD 364	Post-Conflict and Peacebuilding	3
PWAD 388	Chinese Strategic Thought: Antiquity to the Present	3
PWAD/SOCI 411	Social Movements	3
PWAD 673	 Post-Conflict Security Challenges	3
PSYC 490	Current Topics in Psychology <sup>H</sup>	3
PUBA/PWAD 635	Military Leadership and Public Service	3
RELI 481	 Religion, Fundamentalism, and Nationalism	3
RELI 583	 Religion and Culture in Iran, 1500-Present	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## International Security and Intelligence

Code	Title	Hours
AAAD 312	Terrorism in Africa	3
ANTH 280	 Anthropology of War and Peace	3
ASIA/HIST 276	 The Modern Middle East	3
ASIA/PWAD 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
CMPL/PWAD 489	Empire and Diplomacy <sup>H</sup>	3
COMM/PWAD 575	Presidential Rhetoric	3
ECON 460	 International Economics	3
ENEC 108	Our Energy and Climate Crises: Challenges and Opportunities	4
GEOG 120	 World Regional Geography	3
GEOG 453	 Political Geography	3
GSLI 84	 First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3
GSLI 85	 First-Year Seminar: Children and War	3
GSLI/JWST/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3
HIST 134	Modern East Asia	3
HIST 205	 War, Diplomacy, and Statecraft, 1618-1815	3
HIST 213	Air Power and Modern Warfare	3
HIST/PWAD 248	Guerrillas and Counterinsurgencies in Latin America	3
HIST 262	 History of the Holocaust: The Destruction of the European Jews	3
HIST 277	 The Conflict over Israel/Palestine	3
HIST 577	United States Foreign Relations in the 20th Century	3
HIST/PWAD 206	 War, Diplomacy, and Statecraft, 1815-1945	3
HIST/PWAD 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
LAW 252	International Law (permission of the PWAD chair and instructor)	3
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3
PLCY 220	 The Politics of Public Policy <sup>H</sup>	3
PLCY/PWAD 101	 Making Public Policy <sup>H</sup>	3
PLCY/PWAD 110	 Global Policy Issues <sup>H</sup>	3
PLCY/PWAD 430	Analysis of National Security Policy	3
POLI 150	 International Relations and Global Politics <sup>H, F</sup>	3
POLI 231	Latin America and the United States in World Politics	3
POLI 252	International Organizations and Global Issues <sup>H</sup>	3
POLI 253	Problems in World Order	3
POLI 256	 The Politics of the First Era (1880-1914) of Globalization	3
POLI 260	 Crisis and Change in Russia and Eastern Europe	3
POLI 443	American Foreign Policy: Formulation and Conduct	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3

POLI 452	 Africa and International Conflict	3
POLI 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI 631	European Security: The Enlarging European Union and the Trans-Atlantic Relationship	3
POLI/PWAD 287	 Strategy and International Relations	3
POLI/PWAD 444	 Terrorism and International Peace	3
POLI/PWAD 457	International Conflict Processes	3
POLI/PWAD 458	 International Conflict Management and Resolution <sup>H</sup>	3
POLI/PWAD 459	Trans-Atlantic Security <sup>H</sup>	3
PSYC 490	Current Topics in Psychology <sup>H</sup>	3
PWAD 352	The History of Intelligence Operations	3
PWAD 353	Intelligence Analysis: Research Methods and Writing	3
PWAD 356	Strategic Intelligence and International Security	3
PWAD 357	International Intelligence Services	3
PWAD 358	Cyber Security: Advanced and Persistent Threats to National Security	3
PWAD 359	 Comparative History of National Intelligence Regimes	3
PWAD 360	The History of Warning Intelligence	3
PWAD 361	The History of Deception	3
PWAD 363	 Ethical Issues in Intelligence and National Security	3
PWAD 364	Post-Conflict and Peacebuilding	3
PWAD 388	Chinese Strategic Thought: Antiquity to the Present	3
PWAD 486	National Security Decision Making	3
PWAD 488	Nuclear Security in the 21st Century	3
PWAD 673	 Post-Conflict Security Challenges	3
PWAD 674	 Research Seminar on the History of Covert Action	3
RELI 481	 Religion, Fundamentalism, and Nationalism	3
SOCI 481	Managing International Conflict	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## The Evolution of Warfare

Code	Title	Hours
AAAD 312	Terrorism in Africa	3
COMM/PWAD 355	Terrorism and Political Violence	3
ENGL 660	War in Shakespeare's Plays	3
GSLI/JWST/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe	3



HIST 212	History of Sea Power	3
HIST 213	Air Power and Modern Warfare	3
HIST/PWAD 238	The American Revolution, 1763-1815	3
HIST 254	War and Society in Early Modern Europe	3
HIST 262	History of the Holocaust: The Destruction of the European Jews	3
HIST 277	The Conflict over Israel/Palestine	3
HIST 281	The Pacific War, 1937-1945: Its Causes and Legacy	3
HIST 368	War and American Society to 1903	3
HIST 369	War and American Society	3
HIST 373	The United States in World War II	3
HIST 421	Alexander	3
HIST 422	Ancient Greek Warfare <sup>H</sup>	3
HIST 432	The Crusades	3
HIST 565	Civil War and Reconstruction, 1848-1900	3
HIST 570	The Vietnam War	3
HIST 577	United States Foreign Relations in the 20th Century	3
HIST/PWAD 205	War, Diplomacy, and Statecraft, 1618-1815	3
HIST/PWAD 206	War, Diplomacy, and Statecraft, 1815-1945	3
HIST/PWAD 207	The Global Cold War	3
HIST/PWAD 245	The United States and the Cold War: Origins, Development, Legacy	3
HIST/PWAD 248	Guerrillas and Counterinsurgencies in Latin America	3
HIST/PWAD 251	The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
HIST/PWAD 578	Transatlantic Relations and Contemporary Geopolitics from the Cold War to the Present	3
HIST 486/ PWAD 485	Extremism, Terrorism, and Security in Postwar Europe <sup>H</sup>	3
HIST/PWAD 354/ WGST 353	War and Gender in Movies <sup>H</sup>	3
HIST/PWAD/ WGST 517	Gender, Military, and War	3
MUSC 289	Sounds of War and Revolution	3
POLI 150	International Relations and Global Politics <sup>H,F</sup>	3
POLI/PWAD 444	Terrorism and International Peace	3
POLI/PWAD 459	Trans-Atlantic Security <sup>H</sup>	3
PSYC 490	Current Topics in Psychology (with approval, based on topic) <sup>H</sup>	3
PWAD 352	The History of Intelligence Operations	3
PWAD 388	Chinese Strategic Thought: Antiquity to the Present	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Race, Gender, and Conflict Legacies

Code	Title	Hours
AAAD 286	The African Diaspora in the Colonial Americas, 1450-1800	3
AAAD 315	Political Protest and Conflict in Africa	3
AAAD 332	Remembering Race and Slavery	3
AAAD 444	Race, Ethnicity, and Blackness in Comparative Perspective	3
ANTH 370	Southern Legacies: The Descendants Project	4
ANTH 375	Memory, Massacres, and Monuments in Southeast Asia	3
ANTH 429	Culture and Power in Southeast Asia	3
ANTH 461	Colonialism and Postcolonialism: History and Anthropology	3
ANTH 464	Life and Violence	3
ASIA 440	Gender in Indian History	3
GEOG 240	Introduction to Environmental Justice	3
GEOG 435	Global Environmental Justice	3
GEOG 480	Liberation Geographies	3
GLBL 383	Global Whiteness	3
GLBL 415	Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization	3
HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
HIST 142	Latin America under Colonial Rule	3
HIST 180	Genocide in Global Perspective	3
HIST 235	Native America in the 20th Century	3
HIST 243	The United States and Africa <sup>H</sup>	3
HIST 385	African American Women's History	3
HIST 443	Settler Colonialism in Global Perspective	3
PLCY 349	Immigration Policy in the 21st Century	3
POLI 255	International Migration and Citizenship Today <sup>H</sup>	3
POLI 451	Race, Ethnicity, and Political Change in Comparative Perspective	3
POLI 452	Africa and International Conflict	3
PWAD 248	Guerrillas and Counterinsurgencies in Latin America	3
PWAD 262	History of the Holocaust: The Destruction of the European Jews	3
PWAD 277	The Conflict over Israel/Palestine	3
PWAD 312	History of France and Algeria	3
PWAD 331	Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
PWAD 444	Terrorism and International Peace	3

PWAD 469	Conflict and Intervention in the Former Yugoslavia H	3
PWAD 565	Civil War and Reconstruction, 1848-1900	3
PWAD 574	War and Culture	3
PWAD 675	 War, Crimes against Humanity, and Justice	3
SOCI 122	 Race and Ethnicity	3
SOCI 125	Sociology of Sexualities	3
SOCI 274	Social and Economic Justice	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Peace, War, and Defense

Additional information on all of these subjects, including lists of internship possibilities, can be found on the curriculum's website (<https://pwad.unc.edu/>).

### Honors in Peace, War, and Defense

Majors who earn at least a 3.3 overall grade point average and at least a 3.3 grade point average in the major through their junior year may apply to the chair of the curriculum for permission to enroll in PWAD 691H and PWAD 692H. Students interested in honors must take a research seminar in peace, war, and defense (PWAD 670 or PWAD 680), a seminar in history (HIST 398), or another course that provides background in research design. For students who wish to write an honors thesis in their senior year, a thesis topic should be approved by an appropriate thesis director by the end of the junior year. Students prepare an honors thesis in PWAD 691H and PWAD 692H and defend it orally. PWAD 691H can be used to fulfill the student's chosen concentration requirement; PWAD 692H provides credit hours toward the major but cannot be used to satisfy concentration requirements. Based on faculty evaluations, the baccalaureate degree may be conferred with honors or with highest honors, or merely with course credit.

### Departmental Involvement

The curriculum is also now a participating institution in the Intelligence Community: Center for Academic Excellence (<http://pwad.unc.edu/ic-cae-information/>) (IC-CAE).

### Experiential Education

Internship courses provide students with the opportunity to earn academic credit while obtaining practical work experience in agencies and organizations clearly related to national and international security. In recent years students have served in these and other agencies: The Central Intelligence Agency, Durham Police Department, Office of Naval Intelligence, Defense Intelligence Agency, Carolina for Kibera, Center for Strategic and International Studies, Peace Action, United States Army Special Operations Command, and many more. Students are limited to one internship for credit, and all internships are limited to three hours of academic credit. Although some routine administrative tasks are required in any professional setting, the expectation is that a majority of the intern's work will be directed toward the substantive mission of the agency and that tasks will be of a nature to justify awarding academic credit. All internships require prior approval, and all must consist of at least eight hours per week and at least 100 hours per semester. Students must sign an internship contract with their agency and faculty supervisors, setting out expectations and course requirements. **Interns**

**are required to keep a daily work journal.** Once approved for an internship, students enroll in PWAD 393, which is offered on a Pass/Fail basis only and therefore does not count toward the nine courses required for the major. Students wishing credit towards the major derived from their internship work should pursue an independent study with a faculty supervisor either while taking the internship or in the next semester. That independent study should produce a major written product, would be graded normally, and receives credit in the major.

### Study Abroad

The curriculum encourages all undergraduates to study abroad either for a summer, a semester, or an entire year. Students should consult the study abroad (<http://studyabroad.unc.edu>) website and visit the Study Abroad Office as early as possible in their course of study to meet with a study abroad advisor. A number of foreign programs contain courses that qualify for major credit. Of particular usefulness is study at the King's College, University of London War Studies Department, the closest analogue to the Curriculum in Peace, War, and Defense in the English-speaking world and a program with a renowned faculty. Students with at least a 3.3 grade point average are eligible to apply to King's College. While supervision arrangements need to be negotiated and agreed with relevant faculty members, students writing honors theses in their senior year may also apply to spend the year at King's College.

### Undergraduate Research

Students who qualify are encouraged to experience original research by writing a senior honors thesis described in the honors section above.

## Department Programs

### Majors

- Peace, War, and Defense Major, B.A. (p. 755)

### Minors

- Conflict Management Minor (p. 759)

## Contact Information

### Curriculum in Peace, War, and Defense

Visit Program Website (<https://pwad.unc.edu/>)  
401 Hamilton Hall, CB# 3200  
(919) 962-3093

### Chair and Director of Undergraduate Studies

Navin Bapat  
[bapat@email.unc.edu](mailto:bapat@email.unc.edu)

### Student Services Manager

Shakierah Clark  
[shaclark@ad.unc.edu](mailto:shaclark@ad.unc.edu)

## Conflict Management Minor

The study of conflict management is the study of human behavior during disputes, including the causes of conflict, techniques for dealing with disputes, and strategies for achieving a resolution that satisfy one's interests and preserve relationships. People often assume that these skills are acquired during a lifetime by simply experiencing conflict, but that is not necessarily the case. We can spend our entire lives moving from one conflict to another — at home, at school, or at work — simply repeating the same ineffective responses without realizing opportunities for, and methods to achieve, successful outcomes.

The minor in conflict management aspires to provide students with a theoretical framework, habits of mind and tangible skills, in areas such as negotiation, mediation, voice training, language, ethics, psychology, and neuroscience, among other fields. In addition, the minor aims to provide a better understanding of the world we live in and the conflicts that surround us by studying domestic and international conflicts, both past and current. The minor's goal is to allow students to become better conflict managers and thus better citizens of the world.









The minor is open to all undergraduate students.




















## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
PSYC 101	 General Psychology <sup>F</sup>	3
<b>Practical-based courses (select three)</b>		<b>9</b>
ANTH 147	 Comparative Healing Systems	
BUSI 401	Management and Corporate Communication <sup>1</sup>	
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior <sup>1</sup>	
BUSI 470	Storytelling to Influence and Inspire (1.5 credit hours) <sup>1</sup>	
BUSI 545	Negotiations (BUSI 405 prerequisite, 1.5 credits) <sup>1</sup>	
BUSI 555	Groups and Teams in Organizations (BUSI 405 prerequisite, 1.5 credits) <sup>1</sup>	
DRAM 140	Voice Training I	
	or PLCY 305 Communicating Under Pressure: Tools for Effective Communication	
EDUC 309	 Foundations of Leadership <sup>4, F</sup>	
EDUC 357	Organizational and Community Development <sup>4</sup>	
EDUC 403	Individuals, Families, and Communities in Diverse Contexts <sup>4</sup>	
EDUC 410	Families and Communities in Diverse Contexts for Youth <sup>4</sup>	
EXSS 430	Introduction to Leadership and Group Dynamics <sup>5</sup>	
MNGT/SOCI 131	Social Relations in the Workplace	
LING/ANTH/WGST 302	 Language and Power	
PHIL 105	 How to Reason and Argue: An Introduction to Critical Thinking <sup>3</sup>	
PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory <sup>3, H</sup>	
PHIL 163	 Practical Ethics: Moral Reasoning and How We Live <sup>3, H</sup>	

PHIL 164	 Morality and Business <sup>3</sup>	
PHIL/POLI/PWAD 272	 The Ethics of Peace, War, and Defense <sup>3</sup>	
PLCY/PWAD 450	 Internal and Interpersonal Conflict Management	
POLI/PWAD 287	 Strategy and International Relations	
POLI 424	 Legislative Procedure in Congress	
POLI 440	 How to Stay in Power When the People Want You Dead: The Politics of Authoritarian Survival	
POLI/PWAD 457	International Conflict Processes	
POLI/PWAD 458	 International Conflict Management and Resolution <sup>H</sup>	
PWAD 250	 Introduction to Peace and Security Studies	
SOCI 273	 Social and Economic Justice, Experiential Education	
	or SOCI 274 Social and Economic Justice	
SOCI 411	Social Movements	
SOCI 420	Political Sociology	
WGST 340	 Leadership in Violence Prevention	
Select one course from either human behavior and brain function OR domestic- and internationally-related course list		3
<b>Human Behavior and Brain Function</b>		
ANTH 325	 Emotions and Society	
EDUC 375	 Identity and Sexuality <sup>4</sup>	
NSCI 175	 Introduction to Neuroscience	
POLI 215	 Political Psychology: An Introduction	
PSYC 230	Cognitive Psychology <sup>2, H</sup>	
PSYC 260	Social Psychology <sup>2, H</sup>	
PSYC 430	Human Memory <sup>2</sup>	
PSYC 501	Theoretical, Empirical Perspectives on Personality <sup>2</sup>	
PSYC 565	Stereotyping, Prejudice, and Discrimination <sup>2</sup>	
PSYC 566	Attitude Change <sup>2</sup>	
PSYC 569	Practical Wisdom from Advanced Social Psychology <sup>2</sup>	
PSYC 570	The Social Psychology of Self-Regulation <sup>2</sup>	
<b>Domestic- and Internationally Related Courses</b>		
AMST 278	 Crimes and Punishments	
ANTH/PWAD 280	 Anthropology of War and Peace	
ANTH 464	Life and Violence	
ASIA/PWAD 331/HIST 335	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	
ASIA/JWST/PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	
GLBL 401	 Right Wing Populism in Global Perspective <sup>H</sup>	
GLBL 415	Dealing with Difference: Criminal Justice, Race, and Social Movements in Globalization	



GLBL 450	 Social Change in Times of Crisis: Knowledge, Action, and Ontology <sup>H</sup>
GLBL 491H	Major Controversies in Human Rights
HIST/PWAD 207	 The Global Cold War
HIST/ASIA/PWAD 277	 The Conflict over Israel/Palestine
HIST/PWAD 254	 War and Society in Early Modern Europe
HIST 312	 History of France and Algeria
HIST/EURO 347	Fascist Challenge in Europe, 1918-1945
HIST 382	 The History of the Civil Rights Movement <sup>H</sup>
HIST 510	Human Rights in the Modern World <sup>H</sup>
HIST/ASIA 538	The Middle East and the West
HIST/PWAD 565	Civil War and Reconstruction, 1848-1900
PHIL 274	 Race, Racism, and Social Justice: African-American Political Philosophy <sup>3,H</sup>
PLCY 430	Analysis of National Security Policy
POLI/PWAD 150	 International Relations and Global Politics <sup>H,F</sup>
POLI 235	 The Politics of Russia and Eurasia <sup>H</sup>
POLI/PWAD/SOCI 260	 Crisis and Change in Russia and Eastern Europe
POLI 432	Tolerance in Liberal States
POLI/PWAD 444	 Terrorism and International Peace
POLI 452	 Africa and International Conflict
POLI/PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>
PWAD/HIST 266	 Global History of Warfare
PWAD/COMM 355	Terrorism and Political Violence
PWAD 364	Post-Conflict and Peacebuilding
PWAD 483	 Conflict, Development, and U.S. Foreign Policy
PWAD 675	 War, Crimes against Humanity, and Justice
RELI 233	 Religion and Violence

**Total Hours** 15

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> BUSI 470, BUSI 545 and BUSI 555 are 1.5 credit hour courses. Students who choose two of these courses (for a total of 3 hours) will need to select two additional courses (for a total of 9 hours) to fulfill this requirement. Conflict management minors will not receive priority

registration for these courses. Minors will need to apply for these courses by completing the "Non-major Request Form."

<sup>2</sup> PSYC 101 is a required prerequisite. Some PSYC courses may have additional prerequisites (see course description).

<sup>3</sup> Students may select only one PHIL course from the list.

<sup>4</sup> Registration priority will be given to education majors and minors.

Conflict management students can register after School of Education majors and minors.

<sup>5</sup> Registration priority will be given to exercise and sport science majors and minors. Conflict management students can register after exercise and sport science majors and minors.

See the program page here (p. 759) for special opportunities.

## Department Programs

### Majors

- Peace, War, and Defense Major, B.A. (p. 755)

### Minors

- Conflict Management Minor (p. 759)

## Contact Information

### Curriculum in Peace, War, and Defense

Visit Program Website (<https://pwad.unc.edu/>)  
401 Hamilton Hall, CB# 3200  
(919) 962-3093

### Program Advisor

Shai Tamari  
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Shakierah Clark  
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### Chair and Director of Undergraduate Studies

Navin Bapat  
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### Student Services Manager

Shakierah Clark  
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## Department of Philosophy

### Introduction

The principal goal of the study of philosophy is to enable students to think more clearly, deeply, and appreciatively about themselves and their world. Study of philosophy enhances analytical, critical, and interpretive capacities that are applicable to any subject matter in almost any context. It provides many opportunities for expressing oneself, for reflecting on questions that human beings have pondered for millennia, for exchanging reasoned beliefs and engaging in focused debate, and for learning how to come to terms with problems for which there are no easy answers. A good philosophical education also helps to prepare students for responsible and intelligent participation in political and community affairs.

The most important outcome of philosophical study is the ability to engage in thinking that is at once disciplined and imaginatively creative.

While such thinking lies at the heart of the philosophical enterprise, it is also needed for success in any complex intellectual or practical endeavor. Philosophy's attention to critical thought, rigorous argument, and articulate expression makes the philosophical curriculum absolutely central to a liberal education and valuable as a basis for further training in a variety of pursuits.

Examples of philosophical questions are:

- How should we understand truth, existence, validity, fact, value, and free will?
- What are the principles or presuppositions of science, language, political systems, and religious and moral views?
- What is the nature of a person, of space and time, of a work of art?
- What is the wisdom of the past on these enduring questions? How do Western traditions differ from Eastern ones on these questions? And how do these historical approaches relate to our own, contemporary ones?

Students are encouraged to view philosophy not as a specialized, esoteric discipline, but instead as an activity integral to a liberal arts education, helping students to think more cogently and appreciatively about themselves and their world.

PHIL 101, PHIL 110, or PHIL 112 is recommended as a first course for those interested in philosophical issues and their cultural significance and for those who wish to examine a broad range of philosophical topics, problems, or historical figures. Other good starting points are PHIL 155, which deals with logic and the analysis of argument; PHIL 160, which deals with moral thought and experience; and PHIL 150, which deals with the concepts, methods, and foundations of the biological and physical sciences.

PHIL 155 is recommended for all students who major or minor in philosophy.

## Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies works with current and prospective majors by appointment (see contact information above). Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<https://philosophy.unc.edu/>). A brief video with information about the philosophy major is available here (<https://philosophy.unc.edu/undergraduate/the-major/why-major-in-philosophy/>).

## Graduate School and Career Opportunities

A major in philosophy offers excellent preparation for many careers in which clear thinking and analytical ability are valued. Some majors choose to pursue graduate work in philosophy in preparation for college or university teaching (Ph.D. normally required), but the philosophy major also provides the form of rigorous and systematic intellectual training that is of crucial importance in law, medicine, business, and other fields.

### Major

- Philosophy Major, B.A. (p. 776)

### Minors

- Philosophy Minor (p. 777)
- Philosophy, Politics, and Economics (PPE) Minor (p. 778)

### Graduate Programs

- M.A. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy/>)
- Ph.D. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy/>)

## Distinguished Professors

Marc Lange, C.D.C. Reeve, Geoffrey Sayre-McCord.

## Professors

Luc Bovens, Thomas Dougherty, Thomas Hofweber, Mariska Leunissen, Alan Nelson, Ram Neta, James Pryor, John T. Roberts, Sarah Stroud, Rebecca Walker.

## Associate Professors

Markus Kohl, Matthew Kotzen, Alexander Worsnip.

## Assistant Professors

Rosalind Chaplin, Carla Merino-Rajme, Daniel Muñoz.

## Teaching Assistant Professors

Giulia Napolitano, Gerard Rothfus, Michael Vazquez, Erik Zhang.

## Professors Emeriti


Bernard Boxill, Thomas E. Hill Jr., Douglas C. Long, William G. Lycan, Douglas MacLean, Stanley Munsat, Gerald J. Postema, Michael D. Resnik, Robert D. Vance, Susan Wolf.

## PHIL–Philosophy


Courses numbered below 199 have no prerequisites. These serve as suitable first courses in philosophy for many students, as do some courses below 299, in particular PHIL 210, PHIL 213, PHIL 230, PHIL 266, and PHIL 280. Courses numbered 101 to 120 are general survey courses. (Non-majors, please note that PHIL 155 satisfies the quantitative reasoning General Education requirement.) Courses numbered 130 to 290 are oriented toward particular problems or topics. For instance, courses numbered 210 to 229 concern the history of philosophy. Courses numbered 300 to 399 are designed for advanced undergraduates and majors and carry a prerequisite of one course in philosophy. (Some may carry additional prerequisites.) Courses numbered between 400 and 699 are for advanced undergraduates as well as graduate students. Detailed information on upcoming courses is available on the department's website (<https://philosophy.unc.edu/undergraduate/undergraduate-courses/>).


Please note that not all courses are offered on a regular basis. For information on which courses are most likely to be offered in a given year or semester, please contact the department's director of undergraduate studies.

## Undergraduate-level Courses


 **PHIL 51. First-Year Seminar: Who Was Socrates?. 3 Credits.**  
Socrates is the quintessential philosopher—a man for all seasons, a foundational figure of the West.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST or FC-VALUES.  
**Making Connections Gen Ed:** PH, NA, WB.  
**Grading Status:** Letter grade.


 **PHIL 52. First-Year Seminar: Reason and Religion at the Dawn of Modern Science. 3 Credits.**  
Students will read some of the most important philosophical reflections of the 17th and 18th centuries.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PH.  
**Grading Status:** Letter grade.


 **PHIL 53. First-Year Seminar: Theories in Human Nature. 3 Credits.**  
Students will explore a variety of issues that arise when human beings begin to reflect on our own natures and will be introduced to main theories that have been developed. Honors version available.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PH.  
**Grading Status:** Letter grade.


 **PHIL 54. First-Year Seminar: Thinking about Time. 3 Credits.**  
What is time? Do the past and the future exist, or only the present? Is the "flow of time" an objective feature of reality?


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING.  
**Making Connections Gen Ed:** PH, WB.  
**Grading Status:** Letter grade.


 **PHIL 55. First-Year Seminar: Paradoxes. 3 Credits.**  
Paradoxes have been a driving force in philosophy since the fourth century BCE. They force us to rethink old ideas and conceptions.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES.  
**Making Connections Gen Ed:** PH, CI.  
**Grading Status:** Letter grade.


 **PHIL 56. First-Year Seminar: Abortion. 3 Credits.**  
A general philosophical discussion of the value of life, the evil in death, and the wrongness of killing.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PH.  
**Grading Status:** Letter grade.


 **PHIL 57. First-Year Seminar: Race and Affirmative Action. 3 Credits.**  
The goal of the course is to get a mature and correct understanding of race, racism, and affirmative action.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER or FC-VALUES.  
**Making Connections Gen Ed:** US.  
**Grading Status:** Letter grade.


 **PHIL 58. First-Year Seminar: From Vengeance to Mercy: Dealing with Evil. 3 Credits.**  
This course will explore the ethical dimensions of the responses to evil that we have developed over history. Revenge, retribution, reparation; hatred, resentment, forgiveness; punishment, pardon, mercy.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PH.  
**Grading Status:** Letter grade.


 **PHIL 59. First-Year Seminar: Proofs of the Existence of God. 3 Credits.**  
We will examine efforts in the history of philosophy to prove that God exists or that God does not exist. Our aim is to articulate and understand some of the underlying philosophical issues that are raised by these proofs and arguments.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES.  
**Making Connections Gen Ed:** PH.  
**Grading Status:** Letter grade.


 **PHIL 60. First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature. 3 Credits.**  
This seminar examines Plato's philosophical and literary masterpiece, The Symposium, and its influence on later artists and writers: we explore the Symposium itself, the ways in which the Symposium influenced later European artists and writers, and the importance of the Platonic view of love and beauty for modern artists and writers. Honors version available.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-PAST.  
**Making Connections Gen Ed:** PH.  
**Grading Status:** Letter grade.

 **PHIL 61. First Year Seminar: The Self: Aspiration and Transformation. 3 Credits.**  
Novels, memoirs, and aisles of self-help books attest to our desire to transform ourselves. Yet, the idea of self-transformation is puzzling. In this class, we will critically examine the idea of aspiration and transformation.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Making Connections Gen Ed:** PH.  
**Grading Status:** Letter grade.

**PHIL 62. First-Year Seminar: Philosophy with Children. 3 Credits.**

This seminar is designed to give students a unique, experiential perspective on philosophical inquiry by combining the philosophical study of ethics with virtual service in the community. We will examine philosophical questions about childhood and engage in philosophical interactions with children about a range of philosophical topics, with an emphasis on ethics and human values. Students perform 30 hours of service at a local K-5 school.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES, HI-SERVICE.

**Making Connections Gen Ed:** PH, EE- Service Learning.

**Grading Status:** Letter grade.

**PHIL 63. First-Year Seminar: Mind, Brain, and Consciousness. 3 Credits.**

What are minds and how are they related to bodies?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**PHIL 65. First-Year Seminar: Philosophy through Mathematics. 3 Credits.**

This seminar introduces several of the central problems in philosophy through reflection on the nature of mathematics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**PHIL 66. First-Year Seminar: Ethics: Theoretical and Practical. 3 Credits.**

This seminar examines theoretical issues, relativism, utilitarianism, deontological ethics, and virtue ethics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 67. First-Year Seminar: Issues in a World Society: Sports and Competition. 3 Credits.**

This seminar examines ethical issues in sports, including Title IX, gender equity, racism, sexism, cheating, violence, and drug use.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 68. First-Year Seminar: Moral Life. 3 Credits.**

This course will explore the meaning of basic moral concepts as they are understood in philosophy, science, and art. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 70. First-Year Seminar: Gateway to Philosophy, Politics, and Economics. 3 Credits.**

This course uses insights and techniques from philosophy, politics, and economics to answer questions like: What makes a modern civilization possible? How can our societies continue to improve? What role do property rights, markets, and political action play in creating flourishing civilizations? How do we address environmental degradation, distributive justice, and economic exploitation? Our answers will draw from rational choice theory, utility theory, game theory, public choice economics, etc. Course is limited to PPE minors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER or FC-VALUES, FC-LAB.

**Grading Status:** Letter grade.

**PHIL 75. First-Year Seminar: Evil. 3 Credits.**

What is evil? Who, if anyone, is responsible for it? How different are evil people from the rest of us? How should we respond to them? The course will explore the nature of evil through philosophy, nonfiction, fiction, and film.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 76. First-Year Seminar: Is Free Will an Illusion?. 3 Credits.**

This course will examine whether our belief in freedom of action is compatible with the modern picture of ourselves. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 77. First-Year Seminar: Moral Weakness and Conscience. 3 Credits.**

Is man's reason a powerful thing: if one had knowledge or belief about something that should be done, would that be enough to position one to do it?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 78. First-Year Seminar: Death as a Problem for Philosophy: Metaphysical and Ethical. 3 Credits.**


This course explores both old and new questions regarding death. It will examine the presuppositions and cogency of the classical religious-philosophical conception of death.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 79. First-Year Seminar: Words That Bind: The Structure of Constitutions. 3 Credits.**

In this seminar we will examine a number of constitutions and try to determine what makes a constitution better or worse, and when it makes sense to borrow constitutional principles from other countries. We will also try our hand at designing a constitution.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH, CI.

**Grading Status:** Letter grade.

 **PHIL 80. First-Year Seminar: Short Stories and Contemporary Social Problems. 3 Credits.**


We will read short stories and social science articles that address social problems such as child-rearing; social mobility; mass incarceration and race; the opiate crisis; tradition versus science. Students will explore the different ways in which literature, the humanities and the social sciences construct issues of social relevance, the opportunities and limits of these constructions, and what might be gained by using each to understand and respond to these issues.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 85. First-Year Seminar: Reason, Religion, and Reality in the Copernican Revolution. 3 Credits.**


The arguments by which Galileo and his contemporaries defended the Copernican model of the solar system puzzle philosophers even today. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 86. First-Year Seminar: Persons and Identity. 3 Credits.**

An introduction to the topic of personal identity, focused on epistemological, ethical, and metaphysical themes. The course examines what personal identity over time consists in, whether and how we can know such identity, under what conditions our personal identity is liable to change, and what this implies for our values and projects.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.


 **PHIL 89. First Year Seminar: Special Topics. 3 Credits.**

Special Topics Course. Content will vary each semester.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **PHIL 101. Introduction to Philosophy: Central Problems, Great Minds, Big Ideas. 3 Credits.**

An introduction to philosophy focusing on a few central problems, for example: free will, the basis of morality, the nature and limits of knowledge, and the existence of God. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.


**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 105. How to Reason and Argue: An Introduction to Critical Thinking. 3 Credits.**

A course on how to identify, analyze, and evaluate arguments by other people and how to construct arguments. Topics include argument reconstruction, informal logic, fallacies, introductory formal logic, probabilistic reasoning.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 110. Philosophical Texts that Changed the World: An Introduction to Philosophy through Great Works. 3 Credits.**

An introduction to philosophy focusing on several great books from the history of Western philosophy. See course description at the department's website for which books will be covered each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.


**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 112. Making Sense of Ourselves. 3 Credits.**

An examination of some of the most influential attempts to understand human beings, their lives, and their moral and political values. Authors may include Plato, Aristotle, and Nietzsche. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 134. Reason, Faith, and God: Philosophy of Western Religion. 3 Credits.**

A philosophical inquiry into the problems of religious experience and belief, as expressed in philosophic, religious, and literary documents from traditional and contemporary sources. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**Same as:** RELI 126.

**PHIL 140. Knowledge and Society. 3 Credits.**

An examination of questions about knowledge, evidence, and rational belief as they arise in areas of social life such as democratic politics, the law, science, religion, and education. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 143. AI and the Future of Humanity: Philosophical Issues about Technology and Human Survival. 3 Credits.**

This course investigates philosophical issues arising from advanced forms of technology, in particular artificial intelligence, virtual reality, and biological augmentation. We will consider questions about the dangers and benefits of AI, survival in non-biological ways, moral constraints on AI, the relationship between human and machine morality, and others. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 145. Language, Communication, and Human and Animal Minds. 3 Credits.**

An examination of the differences between natural human languages and other communication systems. Includes a philosophical inquiry into how languages relate to the world and the mind. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**Same as:** LING 145.

**PHIL 150. Theory, Evidence, and Understanding in Science. 3 Credits.**

What is distinctive about the kind of knowledge called "science"? What is scientific explanation? How are scientific theories related to empirical evidence? Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 154. Philosophy of the Social Sciences. 3 Credits.**

How do social sciences explain human actions? Are there social facts over and above facts about various individuals? Do values enter into social science?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 155. Truth and Proof: Introduction to Mathematical Logic. 3 Credits.**

Introduces the theory of deductive reasoning, using a symbolic language to represent and evaluate patterns of reasoning. Covers sentential logic and first-order predicate logic. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

**PHIL 157. Logic and Decision Theory. 3 Credits.**

A broader discussion of practical reasoning, including inductive and deductive logic, which provides a good introduction to decision and game theory that is important for the social sciences, especially economics. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

**PHIL 160. Virtue, Value, and Happiness: An Introduction to Moral Theory. 3 Credits.**

Exploration of different philosophical perspectives about right and wrong, personal character, justice, moral reasoning, and moral conflicts. Readings drawn from classic or contemporary sources. Critical discussion emphasized. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 163. Practical Ethics: Moral Reasoning and How We Live. 3 Credits.**

Topics may include war, medical ethics, media ethics, sexual ethics, business ethics, racism, sexism, capital punishment, and the environment. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 164. Morality and Business. 3 Credits.**

An examination of business ethics and the types of ethical dilemmas people may face in business practices.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 165. Bioethics. 3 Credits.**

An examination of ethical issues in the life sciences and technologies, medicine, public health, and/or human interaction with nonhuman animals or the living environment. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 170. Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought. 3 Credits.**

An examination of major issues in political philosophy, e.g., liberty, individual rights, social responsibility, legal authority, civil authority, civil disobedience. Readings include classical and contemporary writings. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 180. Philosophy of Humor. 3 Credits.**

A course on philosophical issues related to laughter and humor. Historical and contemporary philosophical theories of humor; connections between traditional issues in aesthetics and humor; moral questions about humor, such as what is involved in a joke being racist/sexist/homophobic; and connections between jokes and various epistemological fallacies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 185. Aesthetics and the Philosophy of Art. 3 Credits.**

The nature of art and artworks and their aesthetic appraisal. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 210. Wonder, Myth, and Reason: Introduction to Ancient Greek Science and Philosophy. 3 Credits.**

The emergence of philosophy in Greece during the sixth century BCE and its development during the classical period. The major figures studied are the Pre-Socratic philosophers, Socrates, Plato, and Aristotle. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**PHIL 211. Perspectives on Gender, Race, and Marginality in Ancient Greek Philosophy, Science, and Medicine. 3 Credits.**

This course studies through the examination of several infamous, ignored, or otherwise uncharted Ancient Greek texts the views about gender and race as presented in ancient Greek philosophy, medicine, and science. Our aims are to generate a new understanding of how the male elite used such views to further promote or justify (or perhaps challenge) the existing marginalization and silencing of women, foreigners, and less privileged men.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**PHIL 213. Asian Philosophy. 3 Credits.**

An examination of some of the philosophical traditions of Asia. Possible topics include Advaita Vedanta, Nyaya-Vaisheshika, Madhyamaka Buddhism, neo-Confucianism, Mohism, and philosophical Taoism.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** PH, BN, WB.

**Grading Status:** Letter grade.

**PHIL 215. Medieval Philosophy. 3 Credits.**

A survey of medieval philosophy from Augustine through Ockham. Topics: God and the world, faith and reason, knowledge and reality, the problem of universals. Additional main authors: Anselm, Aquinas, Duns Scotus.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH, NA, WB.

**Grading Status:** Letter grade.

**PHIL 220. 17th and 18th Century Western Philosophy. 3 Credits.**

A study of some major philosophical works from this period, including works by authors such as Descartes, Spinoza, Locke, Berkeley, Leibniz, Hume, and/or Kant. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH, NA, WB.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 224. Existential Philosophy and the Meaning(lessness) of Life. 3 Credits.**

A survey of European philosophers in the phenomenological and existentialist traditions. Philosophers studied may include Kierkegaard, Nietzsche, Husserl, Heidegger, Sartre, Camus. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**PHIL 228. American Philosophy. 3 Credits.**

An exploration of the distinctively American approaches to philosophy from Jonathan Edwards to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**PHIL 229. 20th-Century Western Philosophy. 3 Credits.**

An introductory survey of British and Continental philosophy in the 20th century.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**PHIL 230. Mind, Matter, and Metaphysics: the Philosophy of Experience and Reality. 3 Credits.**

Topics in metaphysics and/or epistemology, such as: Is your mind different from your brain? Is it possible for us to know anything about the external world? Do we have free will? What distinguishes reasonable from unreasonable belief? Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**PHIL 251. Inductive Logic and the Scientific Method. 3 Credits.**

This course examines the role that inductive logic plays in scientific reasoning. Questions to be considered include: Are scientific theories distinguished from pseudoscience by being testable against our observations? Can we prove our best scientific theories to be true? Are we justified in making predictions about the future on the basis of past observations? The course examines these and other questions about confirming scientific theories by using the apparatus provided by the probability calculus.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT, RESEARCH.

**Grading Status:** Letter grade.

**PHIL 261. Ethics in Action. 3 Credits.**

Ethics Bowl provides a unique experiential opportunity for students to apply theory to practical global issues. Students will prepare cases to present locally and at Ethics Bowl competition. Permission of the instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, CI, EE- Mentored Research.

**Requisites:** Prerequisites, One of the following PHIL ethics courses: PHIL 56, 57, 58, 66, 67, 68, 70, 77, 78, 160, 163, 164, 165, 170, 261, 266, 272, 273, 274, 275, 280, 282, 285, 360, 362, 364, 368, 370, 384, 460, 463, 465, 468, 471, 473, 474, 475, 476, 480, or 485.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**PHIL 265. Ethics, Politics, and Technology. 3 Credits.**

In the near future, our taxis will be driver-less, our wars will be fought by autonomous drones, and our towns will be kept safe by algorithms foreseeing crimes. This course explores the ethical implications of this new technological revolution and invites students to debate the challenges it engenders. We will debate how new technologies ought to be governed and what limits should be imposed on their implementation.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 266. Not All Fun and Games: Ethics of Sports. 3 Credits.**

An analysis of the moral significance of sports, the nature of sport and competition, and issues such as racism, gender equity, violence, and performance-enhancing drugs.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 272. The Ethics of Peace, War, and Defense. 3 Credits.**

An analysis of ethical issues that arise in peace, war, and defense, e.g., the legitimacy of states, just war theory, terrorism, weapons of mass destruction.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, GL, NA.

**Grading Status:** Letter grade.

**Same as:** POLI 272, PWAD 272.

**PHIL 273. Justice, Rights, and the Common Good: Philosophical Perspectives on Social and Economic Issues. 3 Credits.**

This course will focus on justice and the common good, applying theoretical justifications to contemporary social and economic issues. Readings will include classical and contemporary literature on the nature of justice and rights. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PHIL 274. Race, Racism, and Social Justice: African-American Political Philosophy. 3 Credits.**

Race, identity, discrimination, multiculturalism, affirmative action, and slave reparations in the writings of Walker, Delany, Douglass, Cooper, DuBois, King, and Malcolm X. Honors version available.


**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, US.


**Grading Status:** Letter grade.



 **PHIL 275. Moral and Philosophical Issues of Gender in Society. 3 Credits.**

A survey of feminist perspectives on topics such as the meaning of oppression, sexism and racism, sex roles and stereotypes, ideals of female beauty, women in the workplace, pornography, rape. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, US.

**Grading Status:** Letter grade.

**Same as:** WGST 275.

 **PHIL 276. Ideology, Capitalism, and Critique. 3 Credits.**


This course studies how (oftentimes implicit) ideological commitments shape our culture and our social reality. We will explore the Marxist tradition and the Frankfurt School Critical Theory, as well as contemporary applications and critiques of ideology in thinkers such as Jaeggi, Fraser, Shelby, and Haslanger.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.


**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 280. Morality, Law, and Justice: Issues in Legal Philosophy. 3 Credits.**

Explores issues in legal philosophy such as, What is law? Does it serve justice or undermine it? Can punishment be justified? When is a person responsible? Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 282. Human Rights: Philosophical Interrogations. 3 Credits.**

The philosophy of human rights addresses questions about the existence, content, nature, universality, justification, and legal status of human rights. The strong claims made on behalf of human rights frequently provoke skeptical doubts and countering philosophical defenses. These will be addressed through classical and contemporary history of philosophy.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PHIL 285. Moral and Philosophical Issues in Education. 3 Credits.**

A critical examination of the moral and philosophical issues in education: What does it mean to be well educated? What is a liberal education? Honors version available.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, CI.


**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **PHIL 292. Field Work in Philosophy: Introducing Philosophy in Primary and Secondary Schools. 3 Credits.**

Permission of the instructor. This course combines on-campus structured learning with substantial on-site field work incorporating philosophy into the primary and/or secondary school curriculum. Philosophy subjects and school partners will vary by semester.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, two previous PHIL courses.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **PHIL 294. Philosophy across the Lifespan. 3 Credits.**

This is a high-impact service-learning course that aims to promote experiential learning in philosophy by combining traditional elements of classroom study with service in the community (HI-SERVICE). Students will have the unique opportunity to teach and learn philosophy alongside older adults in the Triangle area, thereby integrating the academic study of philosophy with community engagement.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES, HI-SERVICE.

**Making Connections Gen Ed:** PH, EE- Service Learning.

**Requisites:** Prerequisite, One prior Philosophy course required.

**Grading Status:** Letter grade.

 **PHIL 330. Metaphysics. 3 Credits.**

An examination of general theories of the nature of reality. What kinds of things exist? What are space, time, and causation? Are abstract entities (such as numbers) real?

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

 **PHIL 335. Theory of Knowledge. 3 Credits.**

What is knowledge and how does it relate to belief, justification, and truth? What makes beliefs reasonable or irrational? Can skepticism be defeated?

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

 **PHIL 340. Philosophy of Mind. 3 Credits.**

The mind-body problem, the nature of thinking, the puzzles of consciousness, and the qualitative character of felt experience.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

**PHIL 345. Philosophy of Language. 3 Credits.**

Survey of major topics in contemporary philosophy of language. Topics may include truth and meaning, speech acts, reference, descriptions, names, and demonstratives.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

**PHIL 351. Philosophy of Physics. 3 Credits.**

Topics may include the nature of space and time, the ontological status of fields and energy, or causation and locality in quantum physics. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-NATSCI.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

**PHIL 352. Sex and Death, Life and Health, Species and Evolution: The Philosophy of Biology. 3 Credits.**

Philosophical issues raised by biological theories, which may include the logical structure of evolutionary theory, fitness, taxonomy, the notion of a living thing, reductionism, evolutionary explanations, or teleology.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

**PHIL 353. Minds and Machines: Philosophy of Cognitive Science. 3 Credits.**

Philosophical questions raised by linguistics, computer science, cognitive psychology, and neuroscience. Topics may include the innateness of language, artificial intelligence, and the neural correlates of consciousness. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

**PHIL 354. Quantum Mechanics, Weirdness, and Reality. 3 Credits.**

An interdisciplinary course on the weirdness of quantum mechanics and the problem of interpreting it. Nonlocality, the measurement problem, superpositions, Bohm's theory, collapse theories, and the many-worlds interpretation.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisites, MATH 231 and any PHYS course numbered 100 or greater; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** PHYS 354.

**PHIL 355. Intermediate Mathematical Logic. 3 Credits.**

Quantificational logic with identity; basic meta-theory; modal logic.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, PHIL 155.

**Grading Status:** Letter grade.

**PHIL 357. Induction, Probability, and Confirmation. 3 Credits.**

Current accounts of evidence and observation, the confirmation of scientific theories, the logic of inductive reasoning, and the metaphysics and epistemology of chance.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT.

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, One previous PHIL course.

**Grading Status:** Letter grade.

**PHIL 360. Major Developments in Ethics: Historical and Philosophical Perspectives. 3 Credits.**

PHIL 160 recommended. Major developments in the history of moral philosophy, from Plato to Nietzsche. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

**PHIL 362. Contemporary Ethical Theory. 3 Credits.**

Using 20th- and 21st-century texts, this course explores some general questions about morality in depth. For example, Is there moral truth? Are any moral rules absolute? Why be moral? Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

**PHIL 364. Ethics and Economics. 3 Credits.**

Recommended preparation, at least one course in ethics (PHIL 160, 163, or 170) or one course in economics. Issues at the intersection of ethics and economics, including value; the relation between values and preferences; rationality; the relevance to economics of rights, justice, and the value of human life.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**Same as:** PLCY 364.

 **PHIL 368. Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics. 3 Credits.**

The meaning of environmental values and their relation to other values; the ethical status of animals, species, wilderness, and ecosystems; the built environment; environmental justice; ecofeminism; obligations to future generations.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**Same as:** ENEC 368.

 **PHIL 370. Authority, Freedom, and Rights: Advanced Political Philosophy. 3 Credits.**

Advanced discussion of competing philosophical approaches to questions of justice, authority, freedom, rights, and the like, including libertarianism, liberalism, communitarianism, Marxism, and feminism.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, NA.


**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

 **PHIL 381. Philosophy and Film. 3 Credits.**

An examination of how philosophical issues are explored in the medium of film. Honors version available.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, one previous PHIL course.

**Grading Status:** Letter grade.

 **PHIL 384. Gateway to Philosophy, Politics, and Economics. 3 Credits.**

One course in economics strongly recommended. This interdisciplinary gateway course provides an introduction to subjects and quantitative techniques used to analyze problems in philosophy, political science, and economics. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**Same as:** ECON 384, POLI 384.

**PHIL 390. Seminar in Selected Topics. 3 Credits.**

Intensive exploration and discussion of selected topics in philosophy. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, one previous PHIL course.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.


 **PHIL 392. Ethics Research Seminar for Undergraduates. 3 Credits.**

This is a capstone course in ethics designed for Parr Center Ethics Scholars completing the Mentored Research capstone project. The seminar will provide a collaborative learning space that will facilitate each student's independent research and writing. This course will begin with survey of major themes in practical ethics before transitioning to a thematically focused study of topics based on the research interests of the students in the course.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES, RESEARCH.

**Grading Status:** Letter grade.

 **PHIL 395. Undergraduate Research Seminar in Selected Topics. 3 Credits.**

This is a philosophical research course for anyone with some background in philosophy and an interest in the topic. Special emphasis is placed on giving students the opportunity to immerse themselves in a research project that leads to an original final research paper.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING, RESEARCH.

**Requisites:** Prerequisite, One previous philosophy course.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 396. Directed Readings. 1-3 Credits.**


Permission of the instructor. See the director of undergraduate studies of the department.

**Rules & Requirements**

**Requisites:** Prerequisite, one previous PHIL course.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **PHIL 397. Philosophy Research Seminar for Undergraduates. 3 Credits.**

This course is designed to approximate the experience of a graduate seminar in philosophy. The course topic is different each year; class meetings are discussion-based and focused on developing professional writing and research skills. Recommended for all majors and minors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, two previous PHIL courses.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.


**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

### PHIL 411. Aristotle. 3 Credits.

An examination of some representative works of Aristotle, with reference to common emphases and basic problems, together with an analysis of their philosophic content. The aim to provide students with a more thorough understanding of the key texts, doctrines, notions, and ideas in Aristotle's philosophy as a whole and with the capacities and confidence to conduct a short, independent, ancient philosophical research project on Aristotle's philosophy.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-PAST, RESEARCH.

**Grading Status:** Letter grade.

### PHIL 412. Plato. 3 Credits.

An examination of some representative works in the context of contemporary scholarship.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-PAST.

**Making Connections Gen Ed:** WB.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

### PHIL 415. Medieval Philosophy. 3 Credits.

An intensive study of some medieval philosophical author (e.g., Aquinas, Scotus, or Ockham) or topic (e.g., arguments for the existence of God, universals, knowledge of individuals).

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

### PHIL 421. Rationalism. 3 Credits.

An in-depth study of such rationalist philosophers as Descartes, Spinoza, and Leibniz.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING or FC-PAST.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

### PHIL 422. Empiricism. 3 Credits.

An in-depth study of such empiricist philosophers as Locke, Berkeley, and Hume.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING or FC-PAST.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

### PHIL 423. Kant's Theoretical Philosophy. 3 Credits.

An intensive introduction to Kant's accounts of space, time, concepts, perception, substance, causation, and the thinking self through a careful study of his masterwork, *The Critique of Pure Reason*.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-PAST.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

### PHIL 424. Kant's Practical Philosophy. 3 Credits.

This course studies closely Kant's practical philosophy, dedicated to understanding and assessing the answers that Kant gives to classic questions of practical philosophy, such as: What does morality demand from us? What is the morally right course of action? Is morality objective? Do moral norms depend on God?

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-PAST.

**Making Connections Gen Ed:** PH.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

### PHIL 426. Nietzsche. 3 Credits.

This course examines the philosophy of Friedrich Nietzsche, covering all three conventionally recognized periods of his philosophy in chronological sequence, tracing the historical and philosophical development of his views from the early Birth of Tragedy to the late Twilight of Idols. The main question we will face when studying all these different writings is how Nietzsche tries to solve the problem of nihilism. Completion of one previous PHIL course preferred.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

### PHIL 427. Hegel. 3 Credits.

In-depth study of Hegel's systematic philosophy emphasizing its roots in Kant's critical philosophy. Primary focus on Phenomenology of Spirit, supplemented by selections from the Encyclopedia and Philosophy of Right.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.


### PHIL 428. History of American Philosophy. 3 Credits.

An in-depth study of American contributions to philosophy, including for example the transcendentalists, the pragmatists, Quine, Rorty, and others.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **PHIL 432. The Beginnings of Analytic Philosophy. 3 Credits.**  
Frege, Russell, Moore, and Wittgenstein among others are considered.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisites, PHIL 155 and two additional philosophy courses are recommended as background.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **PHIL 433. Current Issues in Analytic Philosophy. 3 Credits.**  
Two courses in philosophy other than PHIL 155 strongly recommended. Recent work in epistemology and metaphysics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.


**Grading Status:** Letter grade.

**PHIL 440. Philosophy of Mind. 3 Credits.**  
At least two courses in philosophy other than PHIL 155, including PHIL 340, strongly recommended. An examination of dualism, behaviorism, the identity theory, and forms of functionalism with special focus on the problems of mental aboutness and the problems of consciousness.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **PHIL 445. Advanced Philosophy of Language. 3 Credits.**  
At least two courses in philosophy other than PHIL 155, including PHIL 345, strongly recommended. A study of important contemporary contributions in philosophy of language. Topics include meaning, reference, and truth.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** LING 410, LING 445.

**PHIL 450. Philosophy of Natural Sciences. 3 Credits.**  
An in-depth survey of general issues in contemporary philosophy of natural science intended for advanced philosophy students. Topics include confirmation, explanation, theory-choice, realism, reduction.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 451. Philosophy of Physics. 3 Credits.**  
Topics may include the nature of space and time, the ontological status of fields and energy, or causation and locality in quantum physics.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 452. Philosophy of Biology. 3 Credits.**  
The logical structure of evolutionary theory, fitness, taxonomy, the notion of a living thing, reductionism, evolutionary explanations, teleology.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 453. Philosophy of Psychology. 3 Credits.**  
Topics may include reasoning, the relationship between language and thought, concepts, moral cognition, and emotions.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.


**Grading Status:** Letter grade.

**PHIL 454. Philosophy, History, and the Social Sciences. 3 Credits.**  
The nature of historical explanation, structural and functional explanation, the weighing of historical testimony, the concept of meaning, normative judgments and predictions in the social sciences.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **PHIL 455. Symbolic Logic. 3 Credits.**  
Introduction for graduates and advanced undergraduates.

**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, PHIL 155; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **PHIL 456. Advanced Symbolic Logic. 3 Credits.**  
Presupposes propositional and quantificational logic as a basis of further deductive development with special attention to selected topics: alternative systems, modal and deontic logic, inductive logic, the grammar of formalized languages, paradoxes, and foundations of mathematics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, PHIL 455.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**PHIL 457. Set Theory and Logic. 3 Credits.**

Natural and real numbers. Infinite cardinal and ordinal numbers. Alternative axiom systems and their consistency problems.

**Rules & Requirements**

**Requisites:** Prerequisite, PHIL 455; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 459. Philosophy of Mathematics. 3 Credits.**

Philosophical problems concerning logic and the foundation of mathematics.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **PHIL 460. History of Moral Philosophy. 3 Credits.**

Examination of classic texts of Plato, Aristotle, Aquinas, Hobbes, Butler, Hume, Kant, and Mill. Selections may vary from year to year.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, Two courses in philosophy other than PHIL 155, including PHIL 360, strongly recommended.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 462. Contemporary Moral Philosophy. 3 Credits.**

Advanced discussion of moral issues such as fact and value, reason and morality, the nature of morality.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, two courses in philosophy, including one in value theory.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**PHIL 463. Contemporary Moral and Social Problems. 3 Credits.**

Two courses in philosophy other than PHIL 155 strongly recommended. A detailed examination of one or more of the following contemporary issues: environmental ethics, animal rights, abortion, euthanasia, pornography, racism, sexism, public versus private morality.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 465. Justice in Health Care. 3 Credits.**

One course in philosophy strongly recommended. Medical students welcome. The course will focus on the question of how scarce health care resources ought to be distributed in order to meet the demands of justice.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 468. Risk and Society. 3 Credits.**

One additional course in philosophy strongly recommended. The course examines attitudes toward risk and how they affect our preferences for different public policies in the areas of environmental protection, technology regulation, and workplace and product safety.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 470. Political Philosophy from Hobbes to Rousseau. 3 Credits.**

Two courses in philosophy other than PHIL 155, including PHIL 170 or 370, strongly recommended. Explores the foundations of justice and authority in the idea of contract or covenant, the nature of law, rights, liberty, and democracy in the work of Hobbes, Locke, Hume, Rousseau.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 471. Topics in 19th Century Philosophy. 3 Credits.**

An examination of central issues in social and political philosophy as they figure in the work of 19th Century Philosophy.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 473. American Political Philosophy. 3 Credits.**

One course in philosophy other than PHIL 155 strongly recommended. The issue of unity and diversity in America is analyzed through the writings of Jefferson, the Federalists and Anti-Federalists, Calhoun, MacKinnon, DuBois, and Rawls.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 474. Foundations of Modern Political Philosophy. 3 Credits.**

This course traces the emergence and development of central themes of modern political philosophy from the 13th through the 17th century.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisite, PHIL 170.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 475. Philosophical Issues in Gender, Race, and Class. 3 Credits.**

Examines in greater depth and complexity one or more of the issues addressed in PHIL 275, investigating issues of gender, race, and class within the dominant theories of philosophy.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Requisites:** Prerequisite, PHIL 275 or WGST 101.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** WGST 475.

**PHIL 476. Recent Developments in Political Philosophy. 3 Credits.**

Two courses in philosophy other than PHIL 155, including PHIL 370, strongly recommended. Investigation of major contemporary contributors (Rawls, Nozick, Dworkin, Cohen, Waldron, Arrow) to philosophical debate concerning justice, equality, liberty, democracy, public reason, or rights versus community.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**PHIL 480. Philosophy of Law. 3 Credits.**

An exploration of whether and under what conditions the state has the right to control crime by punishment of past crimes and preventive detention to prevent future crimes.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 482. Philosophy and Literature. 3 Credits.**

Philosophical readings of literary texts, including novels, plays, and poems.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** CMPL 482.

**PHIL 485. Philosophy of Art. 3 Credits.**

Competing theories of art and art criticism. The relationship between art and emotional expression, the formal character of art, and standards of taste.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 491. Health Care, Science, and Philosophy. 3 Credits.**

Interdisciplinary course to develop critical thinking capacities through philosophical study of the nature of scientific presuppositions and concepts, including events, causality, and determinism, with specific application to health care issues.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 494. Existentialism and Phenomenology. 3 Credits.**

A study of one or two major systematic works by Sartre, Heidegger, or Merleau-Ponty.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PHIL 496. Advanced Directed Studies. 1-3 Credits.**

Permission of the director of undergraduate studies. Advanced independent work in philosophy.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**PHIL 562. Ethics, Responsibility, and Justice. 1 Credits.**

Ethics explores obligations to act in the interest of others as well as ourselves. Justice explores the ways people should organize and govern themselves. Course addresses such questions as, What principles govern our relationships with other people? What do we owe others and ourselves? How should we treat other people?

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 2 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

 **PHIL 691H. Courses for Honors. 3 Credits.**

Permission of the director of undergraduate studies. See the director of undergraduate studies of the department.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

 **PHIL 692H. Courses for Honors. 3 Credits.**

Permission of the director of undergraduate studies. See the director of undergraduate studies of the department.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

### **PHIL 698. Philosophy, Politics, and Economics: Capstone Course. 3 Credits.**

Permission of the department. This capstone course advances PHIL 384, focusing on such theoretical and philosophical issues as the analysis of rights or distributive justice and the institutional implications of moral forms.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Requisites:** Prerequisite, PHIL 384.

**Grading Status:** Letter grade.

**Same as:** ECON 698, POLI 698.

## Contact Information

### Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)  
Caldwell Hall, 240 East Cameron Ave., CB# 3125  
(919) 962-7291

### Chair

Matthew Kotzen  
kotzen@email.unc.edu

### Director of Undergraduate Studies

Markus Kohl  
mkohl17@email.unc.edu

## Philosophy Major, B.A.

The principal goal of the study of philosophy is to enable students to think more clearly, deeply, and appreciatively about themselves and their world. Study of philosophy enhances analytical, critical, and interpretive capacities that are applicable to any subject matter in almost any context. It provides many opportunities for expressing oneself, for reflecting on questions that human beings have pondered for millennia, for exchanging reasoned beliefs and engaging in focused debate, and for learning how to come to terms with problems for which there are no easy answers. A good philosophical education also helps to prepare students for responsible and intelligent participation in political and community affairs. A brief video with information about the philosophy major is available here (<https://philosophy.unc.edu/undergraduate/the-major/why-major-in-philosophy/>).

## Student Learning Outcomes

Upon completion of the philosophy program, students should be able to:

- Deploy philosophical concepts and terminology correctly, in either a historical or contemporary setting
- Represent clearly and accurately the views or argument of a particular philosopher, in either a historical or contemporary setting
- Identify the premises and conclusion(s) of a philosophical argument and assess both its validity and soundness
- Apply a philosophical theory or argument to a new topic, and to draw and defend reasonable conclusions about that topic
- Develop an argument for a particular solution to a philosophical problem in either a historical or contemporary setting

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core requirements</b>		
A major in philosophy requires nine philosophy courses. No more than three of the nine may be numbered 199 and below. The nine courses must include at least one course in three of the following four distribution areas:		27
<b>History of philosophy</b>		
Courses above 100 with a second digit of one or two (e.g., PHIL 110, PHIL 210, PHIL 220)		
<b>Metaphysics, epistemology, philosophy of mind, and philosophy of language</b>		
Courses above 100 with a second digit of three or four (e.g., PHIL 134, PHIL 230, PHIL 340)		
<b>Logic and philosophy of science</b>		
Courses above 100 with a second digit of five (e.g., PHIL 150, PHIL 155, PHIL 355)		
<b>Value theory</b>		
Courses above 100 with a second digit of six, seven, or eight (e.g., PHIL 160, PHIL 275, PHIL 381)		
<b>Total Hours</b>		<b>27</b>

Philosophy (PHIL) course descriptions (p. 762).

PHIL 155 (<http://catalog.unc.edu/search/?search=PHIL+155>) is recommended for all students who major or minor in philosophy.

Please note that First Year Seminars (<http://fys.unc.edu/>) (all numbered below 100) and courses with a second digit of nine (PHIL 390 (<http://catalog.unc.edu/search/?search=PHIL+390>), PHIL 691H (<http://catalog.unc.edu/search/?search=PHIL+691H>), PHIL 692H (<http://catalog.unc.edu/search/?search=PHIL+692H>), etc.) automatically count toward the major core as electives. However, with approval of the department's director of undergraduate studies, PHIL 390 (<http://catalog.unc.edu/search/?search=PHIL+390>) may count toward one of the four distribution areas.

Within the framework of the major, students may elect to take philosophy courses geared toward prelaw. Inquiries about prelaw advising may be sent to the department's director of undergraduate studies. Although we are not in a position to offer law career (including career prep) or LSAT advice, the director of undergraduate studies is available to provide academic advising and discuss prelaw course information. Further details may be found on the Department of Philosophy's Web site (<https://philosophy.unc.edu/undergraduate/advising/pre-law/>).

Special opportunities in philosophy include, but are not limited to, the Philosophy Outreach Program (<https://philosophy.unc.edu/outreach/>), the Leshner Opportunity Fund (<https://philosophy.unc.edu/undergraduate/lesher-opportunity-fund/>), Take a Philosopher to Lunch



(<https://philosophy.unc.edu/undergraduate/take-a-philosopher-to-lunch/>), Intercollegiate Ethics Bowl (<https://parrcenter.unc.edu/ieb/>), and an active Speaker Series (<https://philosophy.unc.edu/events/category/department-talk/>). See the Department of Philosophy's website (<https://philosophy.unc.edu/>) for details.

## Department Programs

### Major

- Philosophy Major, B.A. (p. 776)

### Minors

- Philosophy Minor (p. 777)
- Philosophy, Politics, and Economics (PPE) Minor (p. 778)

### Graduate Programs

- M.A. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy/>)
- Ph.D. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy/>)

## Contact Information

### Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)  
Caldwell Hall, 240 East Cameron Ave., CB# 3125  
(919) 962-7291

### Chair

Matthew Kotzen  
kotzen@email.unc.edu

### Director of Undergraduate Studies

Markus Kohl  
mkohl17@email.unc.edu

## Philosophy Minor

The principal goal of the study of philosophy is to enable students to think more clearly, deeply, and appreciatively about themselves and their world. Study of philosophy enhances analytical, critical, and interpretive capacities that are applicable to any subject matter in almost any context. It provides many opportunities for expressing oneself, for reflecting on questions that human beings have pondered for millennia, for exchanging reasoned beliefs and engaging in focused debate, and for learning how to come to terms with problems for which there are no easy answers. A good philosophical education also helps to prepare students for responsible and intelligent participation in political and community affairs. A brief video with information about the philosophy minor is available here (<https://philosophy.unc.edu/undergraduate/the-major/why-major-in-philosophy/>).

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
A minor in philosophy requires five philosophy courses. No more than three of the five may be numbered 199 and below. The five courses must include at least one course in three of the following four distribution areas:		15
<b>History of philosophy</b>		
Courses above 100 with a second digit of one or two (e.g., PHIL 110, PHIL 210, PHIL 220)		
<b>Metaphysics, epistemology, philosophy of mind, and philosophy of language</b>		
Courses above 100 with a second digit of 3 or 4 (e.g., PHIL 134, PHIL 230, PHIL 340)		
<b>Logic and philosophy of science</b>		
Courses above 100 with a second digit of five (e.g., PHIL 150, PHIL 155, PHIL 355)		
<b>Value theory</b>		
Courses above 100 with a second digit of six, seven, or eight (e.g., PHIL 160, PHIL 275, PHIL 381)		
<b>Total Hours</b>		<b>15</b>

Philosophy (PHIL) course descriptions (p. 762).

PHIL 155 is recommended for all students who major or minor in philosophy.

Please note that First Year Seminars (<http://fys.unc.edu/>) (all numbered below 100) and courses with a second digit of nine (PHIL 390, for example) automatically count toward the minor core as electives. However, with approval of the department's director of undergraduate studies, PHIL 390 may count toward one of the four distribution areas.

Within the framework of the minor, students may elect to take philosophy courses geared toward prelaw. Inquiries about prelaw advising may be sent to the department's director of undergraduate studies. Although we are not in a position to offer law career (including career prep) or LSAT advice, the director of undergraduate studies is available to provide academic advising and discuss prelaw course information. Further details may be found on the Department of Philosophy's website.

See the program page here (p. 776) for special opportunities.

## Department Programs

### Major

- Philosophy Major, B.A. (p. 776)

### Minors

- Philosophy Minor (p. 777)
- Philosophy, Politics, and Economics (PPE) Minor (p. 778)

### Graduate Programs

- M.A. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy/>)
- Ph.D. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy/>)

## Contact Information

### Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)  
Caldwell Hall, 240 East Cameron Ave., CB# 3125  
(919) 962-7291

### Chair

Matthew Kotzen  
kotzen@email.unc.edu

### Director of Undergraduate Studies

Markus Kohl  
mkohl17@email.unc.edu

## Philosophy, Politics, and Economics (PPE) Minor

Social and political institutions have a profound impact on our lives. Understanding how they work, appreciating their interactions, seeing their impact, and being able to assess their value are all crucial to understanding the world in which we live. With this in mind, the philosophy, politics, and economics (PPE) minor trains students to look beyond the borders of academic disciplines by offering them an integrated study of these fields.









## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The PPE minor requires five courses:

Code	Title	Hours
<b>Requirements</b>		
PHIL/POLI/ECON 384	 Gateway to Philosophy, Politics, and Economics (gateway course) <sup>H</sup>	3
PHIL/POLI/ECON 698	 Philosophy, Politics, and Economics: Capstone Course (capstone seminar)	3
One philosophy course chosen from:		3
PHIL 140	 Knowledge and Society <sup>H</sup>	
PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory <sup>H</sup>	
PHIL 163	 Practical Ethics: Moral Reasoning and How We Live <sup>H</sup>	
PHIL 164	 Morality and Business	
PHIL 165	 Bioethics <sup>H</sup>	
PHIL 170	 Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought <sup>H</sup>	
PHIL 265	Ethics, Politics, and Technology	

PHIL 272	 The Ethics of Peace, War, and Defense	
PHIL 273	 Justice, Rights, and the Common Good: Philosophical Perspectives on Social and Economic Issues	
PHIL 274	 Race, Racism, and Social Justice: African-American Political Philosophy <sup>H</sup>	
PHIL 276	 Ideology, Capitalism, and Critique	
PHIL 280	 Morality, Law, and Justice: Issues in Legal Philosophy <sup>H</sup>	
PHIL 364	 Ethics and Economics	
PHIL 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics	
PHIL 370	 Authority, Freedom, and Rights: Advanced Political Philosophy	
PLCY 71	 First-Year Seminar: Justice and Inequality <sup>H</sup>	
PLCY 340	 Justice in Public Policy <sup>H</sup>	
One political science course chosen from:		3
PLCY 352H	Honors Seminar on Public Policy and Global Affairs	
POLI 130	 Introduction to Comparative Politics <sup>H, F</sup>	
POLI 270	 Classical Political Thought <sup>H</sup>	
POLI 271	 Modern Political Thought <sup>H</sup>	
POLI 288	 Strategy and Politics	
POLI 401	Political Economy I: The Domestic System	
POLI 442	 International Political Economy	
POLI 470	Social and Political Philosophy <sup>H</sup>	
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	
POLI 478	The Politics, Philosophy, and Economics of Education	
One economics course chosen from:		3
ECON 101	 Introduction to Economics <sup>H, F</sup>	
PHIL 157	Logic and Decision Theory	
ECON 434	History of Economic Doctrines	
ECON 460	 International Economics	
ECON 510	 Advanced Microeconomic Theory <sup>H</sup>	
ECON 511	Advanced Game Theory in Economics <sup>H</sup>	
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Please note that, although it is not listed above in the political science course section, HNRS 354 (Elements of Politics) may count toward the

politics core discipline of the PPE minor. A Tar Heel Tracker adjustment is required.

Detailed information is available on the program's website (<http://ppe.unc.edu>).

The Philosophy, Politics, and Economics (PPE) program offers extensive extracurricular programming, including an active speakers series, intensive weekend seminars, and semester-long reading groups that meet once a week for eight weeks over dinner. See the PPE program website (<https://ppe.unc.edu/>) for details.

## Department Programs

### Major

- Philosophy Major, B.A. (p. 776)

### Minors

- Philosophy Minor (p. 777)
- Philosophy, Politics, and Economics (PPE) Minor (p. 778)

### Graduate Programs

- M.A. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy/>)
- Ph.D. in Philosophy (<http://catalog.unc.edu/graduate/schools-departments/philosophy/>)

## Contact Information

### Department of Philosophy

Visit Program Website (<http://philosophy.unc.edu>)  
Caldwell Hall, 240 East Cameron Ave., CB# 3125  
(919) 962-7291

### PPE Program Director

Geoffrey Sayre-McCord  
[sayre-mccord@unc.edu](mailto:sayre-mccord@unc.edu)

### PPE Managing Director

Kori Hensell  
[ppeprogram@unc.edu](mailto:ppeprogram@unc.edu)

### PPE Program Coordinator

Rebekah Middleton  
[ppeprogram@unc.edu](mailto:ppeprogram@unc.edu)

### Chair

Matthew Kotzen  
[kotzen@email.unc.edu](mailto:kotzen@email.unc.edu)

### Director of Undergraduate Studies

Markus Kohl  
[mkohl17@email.unc.edu](mailto:mkohl17@email.unc.edu)

## Department of Physics and Astronomy

### Introduction

Everything around you is influenced or governed by physics — the study of matter, energy, and their interactions with one another. Physics seeks to understand the way the universe “works,” from the smallest neutrinos

to the structure of the cosmos. It is the foundation of all other natural sciences, including chemistry, biology, oceanography, geography, and radiography.

The Department of Physics and Astronomy offers six B.A. and two B.S. degree tracks:

- B.A. Tracks
  - Physics
  - Astronomy
  - Computational Physics
  - Energy
  - Medical and Biological Physics
  - Quantitative Finance
- B.S. Tracks
  - Physics
  - Astrophysics

Consider a B.A. degree if you're interested in physics but want to apply your training toward a wider variety of career paths after graduation. Students who completed this program have launched careers as lab researchers, application engineers, data scientists, and financial analysts, among other occupations. Some have also pursued an advanced degree in physics, medical physics, business, law, or computer science.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.

## Advising

All majors and minors have a primary academic advisor from the Academic Advising Program (<https://advising.unc.edu/>). Students are encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies and faculty advisors work with current and prospective majors by appointment (see contact information above). Faculty advisors are assigned to all physics majors and minors, and they assist students in a variety of physics related areas, including physics course planning, undergraduate research opportunities, the honors program, internships, career opportunities, and graduate school and fellowship applications. Physics majors are required to meet with their departmental advisor by appointment prior to registering for any semester beyond the fourth term in residence. Further information may be obtained from the department's website under the Undergraduate Program (<http://physics.unc.edu/undergraduate-program/>).

## Graduate School and Career Opportunities

Employers know that physicists understand how to think and reason effectively about the world, which equips them to solve unconventional challenging problems. Over 90 percent of physics majors do something other than teach or conduct research at a university. Physics will prepare you to pursue anything from medicine to energy to business. The American Institute of Physics' Career Resources (<http://aip.org/career-resources/>) site and our Department site (<https://physics.unc.edu/career-info/>) provides useful information about the different career paths of physics bachelor's degree recipients, including who is hiring them (<https://www.aip.org/statistics/multiple/>).

Common job titles for our physics bachelor's degree recipients include:

- Applications Engineer
- Data Analyst

- Analyst
- Data Scientist
- Staff Engineer
- System Engineer
- Software Engineer
- Design Engineer
- High School Physics Teacher
- IT Consultant
- Lab Technician
- Research Associate
- Systems Analyst
- IT Analyst

Those who are considering going on to graduate school in physics, astronomy, and other physical science and engineering fields, should contact one of the physics advisors. Those who plan careers in health sciences, including dentistry, medicine, and veterinary medicine, should consult advisors in the Health Professions Advising Office in Hanes Hall.

### Majors

- Physics Major, B.A. (p. 790)
- Physics Major, B.S. (p. 799)

### Minors

- Astronomy Minor (p. 805)
- Physics Minor (p. 806)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

## Professors

James Christopher Clemens, Louise A. Dolan, Joaquin Emiliano Drut, Jonathan H. Engel, Charles R. Evans, Fabian Heitsch, Reyco Henning, Christian G. Iliadis, Robert Victor Janssens, Sheila Kannappan, Dmitri V. Khveshchenko, Rene Lopez, Jianping Lu, Laurie E. McNeil, Laura Mersini-Houghton, Amy Lynn Oldenburg, Lu-Chang Qin, Daniel E. Reichart, Frank Tsui, John Franklin Wilkerson, Yue Wu, Otto Z. Zhou.

## Associate Professors

Rosa Tamara Branca, Adrienne Lynn Erickcek, Nicholas M. Law, Amy Nicole Nicholson.

## Assistant Professors

Akaa Daniel Ayangeakaa, Gökçe Başar, Julieta Gruszko, Andrew W. Mann, Carl Louis Rodriguez, Wei Zhang.

## Research Professor

Arthur E. Champagne.

## Research Assistant Professor

Christina Redmon Inscoc.

## Teaching Associate Professors

Duane L. Deardorff, Stefan Jeglinski, Colin Wallace, Jennifer Weinberg-Wolf.

## Adjunct Professors

Steven Mark Christensen, Brand Fortner, Yosuke Kanai, Alfred Kleinhammes, Enrique Platin, David Clarke Radford, Ryan M. Rohm, John Michael Shull, Gregory Clayton Sloan, Rachel Lofsky Smith, Jie Tang.

## Adjunct Associate Professors

Alice Churukian, David B. Hill, Yueh Z. Lee.

## Adjunct Assistant Professor

Thomas Osburn.

## Professors Emeriti

Charles V. Briscoe, Bruce Carney, Gerald N. Cecil, Wayne Christiansen, Thomas Clegg, Kian S. Dy, John P. Hernandez, Hugon J. Karwowski, J. Ross Macdonald, Yee Jack Ng, Nalin Parikh, James A. Rose, Dietrich Schroer, William J. Thompson, Sean Washburn, James W. York Jr.

## ASTR–Astronomy

### Undergraduate-level Courses

 **ASTR 61. First-Year Seminar: The Copernican Revolution. 3 Credits.**

This seminar explores the 2,000-year effort to understand the motion of the sun, moon, stars, and five visible planets. Earth-centered cosmos gives way to the conclusion that earth is just another body in space. Cultural changes accompany this revolution in thinking.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL, NA, WB.

**Grading Status:** Letter grade.

**Same as:** PHYS 61.

 **ASTR 63. First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics. 3 Credits.**

Physics is often seen as the most precise and deterministic of sciences. Determinism can break down, however. This seminar explores the rich and diverse areas of modern physics in which "unpredictability" is the norm. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL, QI.

**Grading Status:** Letter grade.

**Same as:** PHYS 63.

 **ASTR 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course content will vary each semester.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **ASTR 100L. Astronomy with Skynet: Our Place in Space. 1 Credits.**

Students will use UNC's global network of "Skynet" telescopes to observe planets, moons, and other solar-system objects, star-forming regions and clusters, supernova remnants, and galaxies. Through these observations and others, we will reach a better understanding of our place in the universe, and resolve common misconceptions. Topics include: seasons, the Galilean revolution, the cosmic distance ladder, the Great Debate of 1920, dark matter in our galaxy, Hubble's law, dark energy. Previously offered as ASTR 101L.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-LAB.

**Requisites:** Pre- or corequisite, ASTR 100, 101, 102, or 103.

**Grading Status:** Letter grade.

 **ASTR 100. Understanding the Universe. 3 Credits.**

Learn how astronomers study and understand the cosmos. Topics include motions of the Sun, Moon, and planets; planetary surfaces, interiors, and atmospheres; telescopes and spectroscopy; prospects for detecting and visiting life elsewhere; how stars are born, age, and die; black holes, dark matter, and gravitational radiation; the Milky Way Galaxy and galaxies beyond; the birth and fate of the expanding Universe. Optional laboratory: ASTR 100L. Optional field experience: ASTR 111.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

 **ASTR 101. Introduction to Astronomy: The Solar System. 3 Credits.**

Celestial motions of the earth, sun, moon, and planets; nature of light; ground and space-based telescopes; comparative planetology; the earth and the moon; terrestrial and gas planets and their moons; dwarf planets, asteroids, and comets; planetary system formation; extrasolar planets; the search for extraterrestrial intelligence (SETI). Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

 **ASTR 102. Introduction to Astronomy: Stars, Galaxies & Cosmology. 3 Credits.**

The sun, stellar observables, star birth, evolution, and death, novae and supernovae, white dwarfs, neutron stars, black holes, the Milky Way galaxy, normal galaxies, active galaxies and quasars, dark matter, dark energy, cosmology, early universe. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, ASTR 101; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **ASTR 103. Alien Life in the Universe. 3 Credits.**

Humans have always wondered "are we alone?" From discovering life in extreme conditions on Earth, to finding thousands of exoplanets, we now know far more about this question than our ancestors. This class explores our recent understanding of planets, solar systems, where life might be, and how to find it. Optional laboratory: ASTR 100L. Optional field experience: ASTR 111.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

 **ASTR 105. Time, Tides, and the Measurement of the Cosmos. 3 Credits.**


This course is focused on medieval foundations of modern cosmology and is designed to take advantage of the opportunities available for enriched learning in England. The course is problem-based, e.g. How did people reckon calendars, time, and tides, both for navigation and daily life, before clocks and the printed word? Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PL, WB.

**Grading Status:** Letter grade.

 **ASTR 110. Astrophotography of the Multi-Wavelength Universe. 3 Credits.**

Students will use UNC's global network of "Skynet" telescopes to make color images of planets, star clusters, star-forming regions, and galaxies. They will also use Skynet's radio telescopes to explore the invisible universe, including pulsars, supernova remnants, and supermassive black holes. Astrophotography will be our entry point to deeper explorations of the planets of our solar system; star birth, evolution, and death; galaxy formation and evolution; and black holes and Einstein's theory of relativity.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE or FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, ASTR 100, 101, 102, 103, or 111; Pre- or corequisite, PHYS 117 or 119; Permission of the instructor for students lacking the pre- or co-requisites.

**Grading Status:** Letter grade.

 **ASTR 111. Educational Research in Radio Astronomy. 1 Credits.**

One-week field experience at Green Bank Observatory in West Virginia. Students observe the invisible universe using manually controlled and fully automated radio telescopes, and carry out a variety of observing projects. These target the sun, moon, Jupiter, star-forming regions, supernova remnants, pulsars, the Milky Way and Andromeda galaxies, and more distant, active galaxies and quasars. Students receive training in radio astronomy, attend research and specialty talks, and tour the observatory. Formerly offered as ASTR 111L. Permission of the instructor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**ASTR 202. Introduction to Astrophysics. 3 Credits.**

This introductory astrophysics course will focus on the use of classical mechanics, gravitational physics, and the physics of radiation to interpret and explain astronomical observations. Course covers stellar structure, stellar formation and evolution, galaxies, and cosmology with an emphasis on quantitative problem solving.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, PHYS 119.

**Grading Status:** Letter grade.

**ASTR 205. The Medieval Foundations of Modern Cosmology. 3 Credits.**

This course will examine science as it emerged and developed in the West starting in the 13th century. We will use example problems from cosmology that are relevant today.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PL, WB.

**Grading Status:** Letter grade.

**ASTR 301. Stars, Galaxies, and Cosmology. 1 Credit.**

Stellar observables; galaxies; novae; cosmology; the early universe. This one-credit course can be taken with ASTR 102 for students who wish to major or minor in astrophysics.

**Rules & Requirements**

**Requisites:** Pre- or corequisites, ASTR 102, and PHYS 117 or 119;

Permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ASTR 390. Research and Special Topics for Juniors and Seniors. 1-12 Credits.**

Permission of the instructor. To be taken by honors candidates and other qualified juniors and seniors.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****ASTR 501. Stellar Astrophysics. 3 Credits.**

An introduction to the study of stellar structure and evolution. Topics covered include observational techniques, stellar structure and energy transport, nuclear energy sources, evolution off the main-sequence, and supernovae.

**Rules & Requirements**

**Requisites:** Prerequisites, ASTR 202 or ASTR 301, MATH 383, and PHYS 331; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**ASTR 502. Modern Research in Astrophysics. 3 Credits.**

A capstone research experience introducing modern data-analysis techniques for large astronomical surveys. Students undertake guided research projects with a different theme each semester. The course focuses on real astrophysical discovery of new objects, events and phenomena.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, ASTR 202.

**Grading Status:** Letter grade.

**ASTR 503. Structure and Evolution of Galaxies. 3 Credits.**

Overview of the structure and evolution of galaxies, with emphasis on learning and applying modern research methods such as scientific literature review and computational astrostatistics. Includes galaxy morphology and dynamics, star formation, active galactic nuclei, galaxy interactions, large-scale clustering, environment-dependent physical processes, and the evolution of the galaxy population over cosmic time.

**Rules & Requirements**

**Requisites:** Prerequisites, ASTR 202 or ASTR 301, MATH 383, and PHYS 331.

**Grading Status:** Letter grade.

**ASTR 504. Cosmology. 3 Credits.**

An introduction to modern cosmology: the study of the contents and evolution of the universe. Covers expanding spacetime, the thermal history of the early universe, including nucleosynthesis and the cosmic microwave background, the inflationary model for the origins of cosmic structure, and the growth of that structure through time.

**Rules & Requirements**

**Requisites:** Prerequisites, ASTR 202 or ASTR 301, and PHYS 401; pre- or corequisite, PHYS 421.

**Grading Status:** Letter grade.

**ASTR 505. Physics of Interstellar Gas. 3 Credits.**

Surveys the physical processes governing the interstellar medium (ISM), which takes up the "refuse" of old stars while providing fuel for young stars forming. Covers the processes regulating the galactic gas budget and the corresponding observational diagnostics. Topics: radiative transfer, line formation mechanisms, continuum radiation, gas dynamics, star formation.

**Rules & Requirements**

**Requisites:** Prerequisites, ASTR 202 or ASTR 301, and PHYS 331.

**Grading Status:** Letter grade.

**ASTR 511. Atomic and Radiative Processes in Astrophysics. 3 Credits.**

This course covers key topics in electromagnetism, radiative transport, and thermal and statistical mechanics in the context of astrophysics, such as stellar and planetary interiors and atmospheres, stellar evolution (including star formation and death), stellar populations, and the early universe.

**Rules & Requirements**

**Requisites:** Prerequisite, ASTR 202; Pre- or corequisite, PHYS 412.

**Grading Status:** Letter grade.

**ASTR 512. Astrophysical Dynamics. 3 Credits.**

This course provides a broad overview of astrophysical principles underlying stellar and planetary dynamics; N-body dynamics of star clusters, galaxies, and dark matter; fluid dynamics of astrophysical plasmas; and dynamics of the Universe and spacetime.

**Rules & Requirements**

**Requisites:** Prerequisites, ASTR 202 and PHYS 201 or PHYS 401.

**Grading Status:** Letter grade.

 **ASTR 519. Observational Astronomy. 4 Credits.**


An introduction to modern techniques in observational astronomy with an emphasis on optical and near-infrared wavelengths. Topics covered include practical python for astronomy, telescopes and CCDs, spectroscopy, astrostatistics, and mining large astronomical surveys. Three lecture and three laboratory hours a week.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisite, ASTR 102 or 202; Pre- or corequisite, PHYS 331; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**PHYS–Physics****Undergraduate-level Courses** **PHYS 50. First-Year Seminar: Time and the Medieval Cosmos. 3 Credits.**

This course introduces first-year students to the basic motions of the solar system as viewed from the Earth along with the mechanical and mathematical models used to reproduce them, while exploring the history of medieval and early modern education, theology, and natural philosophy.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**Same as:** HIST 50.

 **PHYS 51. First-Year Seminar: The Interplay of Music and Physics. 3 Credits.**

How sound is produced in instruments, and how those sounds are used in music making. Wave motion, resonance, sound perception, scales, harmony, and music theory. Collaborative laboratory exercises to investigate the acoustics of string, woodwind, and brass instruments as well as study of the physics of keyboard and percussion instruments. Students will make instruments from found objects and perform compositions on them, and can pursue their areas of special interest in a research paper.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**Same as:** MUSC 51.

 **PHYS 52. First-Year Seminar: Making the Right Connections. 3 Credits.**


This seminar investigates the multiple roles that computers and microprocessors perform in scientific investigations and the impact of technological advances on society. Students perform experiments, take field trips to research laboratories, and gain hands-on experience with computer-based instrumentation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

 **PHYS 53. First-Year Seminar: Handcrafting in the Nanoworld: Building Models and Manipulating Molecules. 3 Credits.**

This seminar provides a general introduction to nanoscience and nanotechnology, focusing on recent advances in molecular electronics, nanomaterials, and biomedical research. Course activities include group model-building projects, presentations, and discussions of reading material.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

 **PHYS 54. First-Year Seminar: Physics of Movies. 3 Credits.**


Students watch and analyze short movie clips that demonstrate interesting, unusual, or impossible physics. Group analysis emphasized.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.


**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

 **PHYS 55. First-Year Seminar: Introduction to Mechatronics. 4 Credits.**

Introduction to important skills and knowledge required in the STEM fields of today and tomorrow, from academic, employment, and social perspectives. All students, regardless of their educational goals, will achieve critical introductory skills in numerical reasoning and analysis, engineering design and prototyping, computer programming and electronics, and will demonstrate proficiency and knowledge about topics that increasingly impact society, including Artificial Intelligence, Machine Learning, and Quantum Computing.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-NATSCI or FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** PX, QI.

**Grading Status:** Letter grade.

**PHYS 61. First-Year Seminar: The Copernican Revolution. 3 Credits.**

This seminar explores the 2,000-year effort to understand the motion of the sun, moon, stars, and five visible planets. Earth-centered cosmos gives way to the conclusion that earth is just another body in space. Cultural changes accompany this revolution in thinking.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL, NA, WB.

**Grading Status:** Letter grade.

**Same as:** ASTR 61.

**PHYS 63. First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics. 3 Credits.**

Physics is often seen as the most precise and deterministic of sciences. Determinism can break down, however. This seminar explores the rich and diverse areas of modern physics in which "unpredictability" is the norm. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL, QI.

**Grading Status:** Letter grade.

**Same as:** ASTR 63.

**PHYS 89. First-Year Seminar: Special Topics. 3 Credits.**

Special Topics course. Content will vary each semester.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**PHYS 100. How Things Work. 4 Credits.**

Demystifying the working of objects such as CD players, microwave ovens, lasers, computers, roller coasters, rockets, light bulbs, automobiles, clocks, copy machines, X-ray and CAT-scan machines, and nuclear reactors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-NATSCI, FC-LAB.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

**PHYS 101. Basic Concepts of Physics. 4 Credits.**

This is an introductory physics course for non-science majors. This course focuses on basic physics concepts and connections to everyday life. Course topics include Newtonian mechanics, fluids, heat, vibrations, electricity and magnetism, light and sound, quantum phenomenon, nuclear radiation, relativity, and cosmology. Connections to everyday life and society include energy conservation, global warming, nuclear energy, the origin of the universe, pseudoscience, and the search for extraterrestrial life.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

**PHYS 102. General Physics Lecture I. 3 Credits.**

Lecture portion of 104, awarded as AP credit.

**Rules & Requirements**

**Making Connections Gen Ed:** PX, QI.

**Grading Status:** Letter grade.

**PHYS 103. General Physics Lecture II. 3 Credits.**

Lecture portion of 105, awarded as AP credit.

**Rules & Requirements**

**Making Connections Gen Ed:** PX, QI.

**Grading Status:** Letter grade.

**PHYS 106. Inquiry into the Physical World. 4 Credits.**

This course uses a hands-on/minds-on or "inquiry" approach to learning the basic concepts of physical science. Topics will include the properties of matter, electricity and magnetism, kinematics, and waves. An emphasis will be placed on examining the nature of science, your own learning, and the way in which scientists learn science.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** PX.

**Grading Status:** Letter grade.

**PHYS 108. Climate and Energy Transitions: Understanding the Forecasts. 4 Credits.**

This course examines uncertainties in projecting future fossil fuel consumption and impact on global climate by quantifying how effectively alternative power-generation and energy-storage technologies can scale to meet needs in developing and developed nations, and by understanding past and present climates. Course previously offered as GEOL 108/MASC 108.

**Rules & Requirements**

**Making Connections Gen Ed:** PX, GL.

**Grading Status:** Letter grade.

**Same as:** EMES 108.

**PHYS 114. General Physics I: For Students of the Life Sciences. 4 Credits.**

Basic principles of physics, including forces, energy, oscillations, sound, diffusion, and heat transfer, and applications to biological systems. Intended to meet the needs of, but not restricted to, students majoring in the life sciences. Students may not receive credit for PHYS 114 in addition to PHYS 104, 116, or 118.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI or FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** PX, QI.

**Requisites:** Prerequisite, MATH 129P or 130 or 231.

**Grading Status:** Letter grade.



 **PHYS 115. General Physics II: For Students of the Life Sciences. 4 Credits.**

Basic principles of physics, including fluids, electricity, magnetism, optics, quantum physics, and nuclear physics, and applications to biological systems. Intended to meet the needs of, but not restricted to, students majoring in the life sciences. Students may not receive credit for PHYS 115 in addition to PHYS 105, 117, or 119.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI or FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** PX, QI.

**Requisites:** Prerequisite, PHYS 104, 114, 116, or 118.

**Grading Status:** Letter grade.

 **PHYS 118. Introductory Calculus-based Mechanics and Relativity. 4 Credits.**

Mechanics of particles and rigid bodies. Newton's laws; mechanical and potential energy; mechanical conservation laws; frame-dependence of physical laws; Einstein's Theory of Relativity. Students may not receive credit for PHYS 118 in addition to PHYS 104, 114, or 116. Honors version available.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI or FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** PX, QI.

**Requisites:** Prerequisite, MATH 231; Pre- or corequisite, MATH 232; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

 **PHYS 119. Introductory Calculus-based Electromagnetism and Quanta. 4 Credits.**

Unification of the laws of electricity and magnetism; electromagnetic waves; the particle-wave duality; fundamental principles and applications of quantum mechanics. Students may not receive credit for PHYS 119 in addition to PHYS 105, 115, or 117. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-NATSCI or FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** PX, QI.

**Requisites:** Prerequisite, PHYS 118 or PHYS 118H; Pre- or corequisite, MATH 233; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**PHYS 128. Modern Physics. 3 Credits.**

Special relativity theory, black body radiation, photons and electrons; wave particle duality. Elements of atomic theory, nuclei and fundamental particles. Three lecture hours a week.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 117 (or PHYS 105 by permission of the instructor); co-requisite, PHYS 128L.

**Grading Status:** Letter grade.

**PHYS 128L. Modern Physics Laboratory. 1 Credits.**

Selected modern physics experiments. Written research reports and oral presentations. Three laboratory hours a week.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, PHYS 128.

**Grading Status:** Letter grade.

**PHYS 131. Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas. 3 Credits.**

A quantitative exploration of the physical principles behind energy development and use within modern civilization, the stark impact of depleted fossil fuel reserves, and alternative sources.

**Rules & Requirements**

**Making Connections Gen Ed:** PX, QI.

**Requisites:** Corequisite, PHYS 131L.

**Grading Status:** Letter grade.

**PHYS 131L. Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas. 1 Credits.**

Explore renewable and nonrenewable energy sources. Three laboratory hours per week.

**Rules & Requirements**

**Requisites:** Corequisite, PHYS 131.

**Grading Status:** Letter grade.

**PHYS 132. Science and Society. 3 Credits.**

A description of the scientific community and how scientists relate to such sociotechnical issues as the space program, the arms race, the energy problem, computer technology, medical technology, and pseudosciences.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PHYS 133. How Bio Works. 3 Credits.**

Physics of biology and biotechnology. Life as an assembly of molecular machines that manipulate DNA, replicate cells, propel bacteria, and contract muscles. Nanotechnology for DNA biotechnology and microscale fluid chips.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**PHYS 201. Basic Mechanics. 3 Credits.**

A one-semester course in statics, kinematics, simple harmonic motion, central forces, and applications from modern physics.

**Rules & Requirements**

**Requisites:** Pre- or corequisites, MATH 383 and PHYS 281L; permission of the instructor for students lacking the pre- or co-requisites.

**Grading Status:** Letter grade.

**PHYS 211. Intermediate Electromagnetism. 3 Credits.**

Electric fields and potentials, dielectrics, steady currents, magnetic flux and magnetic materials, electromagnetic induction. Emphasis on Maxwell's equations and their application to electromagnetic waves in bounded and unbounded media.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 233 and one of PHYS 105, 115, 117, 119.

**Grading Status:** Letter grade.

**PHYS 231. Physical Computing. 4 Credits.**

Physical Computing is an introduction to the interaction between a computing unit and the outside world, using measurement and control. The tools for this implementation of physical computing are microcontrollers, software, sensors, a variety of analog and digital electronic components, and algorithms that anticipate and respond in ways that humans perceive as NOT inherently computerized. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-QUANT, FC-LAB, RESEARCH.

**Requisites:** Pre- or corequisite, PHYS 114 or 118; permission of the instructor for students lacking the pre- or corequisite.

**Grading Status:** Letter grade.

**PHYS 281L. Experimental Techniques in Physics. 3 Credits.**

An introductory course centered around 8 lab experiments that include Compton scattering, interferometry,  $e/m$ , and photoelectric effect. Students use data analysis tools including MATLAB or Python, uncertainty analysis based on the GUM, and LaTeX for written reports. In this communication-intensive course, students collaborate like physicists through written and oral communication and peer review exercises aimed at general, peer, and expert audiences. They also engage with themes of diversity, equity, and inclusion in the field.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI, FC-LAB, COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, PHYS 117 or 119; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**PHYS 295. Research with Faculty Mentor I. 1-12 Credits.**

Students undertake independent research with a faculty mentor. Approved learning contract required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**PHYS 311. Electromagnetism I. 3 Credits.**

First semester of a two-semester sequence on electromagnetic theory and applications. This first semester is focused on electrostatic fields and potentials, magnetic fields and potentials, dielectrics, and magnetic fields in matter.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 331 and one of PHYS 117 or 119; permission of the instructor for students lacking the requisite.

**Grading Status:** Letter grade.

**PHYS 313. Space and Time in Physics and Philosophy. 3 Credits.**

Contingent and necessary properties of space and time. The direction and flow of time. Fatalism. Effects preceding their causes.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PHYS 331. Numerical Techniques for the Sciences I. 4 Credits.**

Applications of calculus, vector analysis, differential equations, complex numbers, and computer programming to realistic physical systems. Three lecture and two computational laboratory hours per week.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 104, 114, 116, or 118; pre- or corequisite, MATH 383.

**Grading Status:** Letter grade.

**PHYS 332. Numerical Techniques for the Sciences II. 4 Credits.**

Modeling of celestial dynamics, nuclear physics problems, electrostatics; Monte Carlo integration in particle and theoretical physics; data modeling for physics and astronomy; gravitation, electromagnetism, fluid dynamics and quantum mechanics. Three lecture and two computational laboratory hours per week. Previously offered as PHYS 358.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 331.

**Grading Status:** Letter grade.

**PHYS 351. Electronics I. 4 Credits.**

DC and AC circuit analysis. Diodes, transistor amplifiers, analog devices, and signal conditioning. Boolean logic and digital logic circuits. Extensive practice designing and debugging circuits.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 105, 115, 117, or 119; permission of the instructor for students lacking the prerequisites; Pre- or corequisites, MATH 383 and PHYS 331.

**Grading Status:** Letter grade.

**PHYS 352. Electronics II. 4 Credits.**

Introduction to digital circuits: gates, flip-flops, and counters. Computers and device interconnections, converters and data acquisition. Signal analysis and digital filters. Graphical (LabVIEW) programming and computer interfacing. Individual projects and practical applications.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 351; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**PHYS 354. Quantum Mechanics, Weirdness, and Reality. 3 Credits.**

An interdisciplinary course on the weirdness of quantum mechanics and the problem of interpreting it. Nonlocality, the measurement problem, superpositions, Bohm's theory, collapse theories, and the many-worlds interpretation.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisites, MATH 231 and any PHYS course numbered 100 or greater; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** PHIL 354.

**PHYS 391. Senior Seminar. 1-15 Credits.**

To be taken by seniors with permission of the department.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PHYS 395. Research with Faculty Mentor II. 1-12 Credits.**

Students undertake independent research with a faculty mentor. Approved learning contract required. A research proposal and/or summary research report is required. Although not mandatory, a submission of a research proposal to an internal or external competition for funding is encouraged. Students must also present their research at an appropriate symposium, conference, or seminar.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Requisites:** Prerequisite, PHYS 281L.

**Repeat Rules:** May be repeated for credit. 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PHYS 401. Mechanics I. 3 Credits.**

Particle kinematics, central forces, planetary motions. Systems of particles, conservation laws, nonlinearity. Statics, motion of rigid bodies. Lagrange's and Hamilton's equations. Euler's equations. Vibrations and waves.

**Rules & Requirements**

**Requisites:** Pre- or corequisites, MATH 383 and PHYS 281L and 331; permission of the instructor for students lacking the requisites.

**Grading Status:** Letter grade.

**PHYS 405. Biological Physics. 3 Credits.**

How diffusion, entropy, electrostatics, and hydrophobicity generate order and force in biology. Topics include DNA manipulation, intracellular transport, cell division, molecular motors, single molecule biophysics techniques, nerve impulses, neuroscience.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 116 and 117, or PHYS 118 and 119.

**Grading Status:** Letter grade.

**Same as:** BIOL 431, BMME 435.

**PHYS 410. Teaching and Learning Physics. 4 Credits.**

Learning how to teach physics using current research-based methods. Includes extensive fieldwork in high school environments.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisite, PHYS 117 or 119; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**PHYS 412. Electromagnetism II. 3 Credits.**

Electrodynamics: Maxwell's equations and their application to electromagnetic waves, radiation, and relativity.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 281L, 311 and 332; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**PHYS 421. Introduction to Quantum Mechanics. 3 Credits.**

Origins of quantum theory. Uncertainty principle. Schrödinger equation for simple systems including the hydrogen atom. Spin. Identical particles. Previously offered as PHYS 321.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 383, either MATH 347 or PHYS 331, and one of PHYS 117, or 119; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**PHYS 422. Physics of the Earth's Interior. 3 Credits.**

Origin of the solar system: the nebular hypothesis. Evolution of the earth and its accretionary history. Earthquakes: plate tectonics and the interior of the earth. The earth's magnetic field. Mantle convection.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 383, and either PHYS 201 and 211 or 311 and 401.

**Grading Status:** Letter grade.

**Same as:** EMES 422.

**PHYS 441. Thermal Physics. 3 Credits.**

Equilibrium statistical mechanics; the laws of thermodynamics, internal energy, enthalpy, entropy, thermodynamic potentials, Maxwell's relations.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 233, and PHYS 117 or 119; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** BMME 441.

**PHYS 447. Quantum Computing. 3 Credits.**

Recommended preparation, some knowledge of basic linear algebra. An introduction to quantum computing. Basic math and quantum mechanics necessary to understand the operation of quantum bits. Quantum gates, circuits, and algorithms, including Shor's algorithm for factoring and Grover's search algorithm. Entanglement and error correction. Quantum encryption, annealing, and simulation. Brief discussion of technologies.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 232, and PHYS 116 or 118.

**Grading Status:** Letter grade.

**Same as:** COMP 447.

**PHYS 461. Introduction to Medical Physics. 3 Credits.**

This class will introduce how physics principles and techniques have been applied to medical imaging and radiation therapy. Topics will include ionizing radiation and radiation safety, x-ray and computed tomography, ultrasound, magnetic resonance imaging, positron emission tomography, and radiation therapy. Topics such as the career path to become a medical physicist will also be discussed. The class will have lectures given by the instructor and guest lectures by experts and practitioners in this field.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 117 or 119.

**Grading Status:** Letter grade.

**PHYS 471. Physics of Solid State Electronic Devices. 3 Credits.**

Properties of crystal lattices, electrons in energy bands, behavior of majority and minority charge carriers, PN junctions related to the structure and function of semiconductor diodes, transistors, display devices.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 117 or 119; pre- or corequisite, PHYS 211 or 311.

**Grading Status:** Letter grade.

**PHYS 472. Chemistry and Physics of Electronic Materials Processing. 3 Credits.**

Permission of the instructor. A survey of materials processing and characterization used in fabricating microelectronic devices. Crystal growth, thin film deposition and etching, and microlithography.

**Rules & Requirements**

**Requisites:** Prerequisite, CHEM 482 or PHYS 117 or 119.

**Grading Status:** Letter grade.

**Same as:** APPL 472, CHEM 472.

**PHYS 481L. Advanced Laboratory I. 2 Credits.**

Selected physical problems to be addressed with the use of materials development, device fabrication and experiment design for evaluation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH, COMMBEYOND.

**Requisites:** Prerequisites, PHYS 281L, and PHYS 351 or 352; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**PHYS 491L. Materials Laboratory I. 2 Credits.**

Structure determination and measurement of the optical, electrical, and magnetic properties of solids.

**Rules & Requirements**

**Requisites:** Prerequisites, APPL 470 and PHYS 351.

**Grading Status:** Letter grade.

**Same as:** APPL 491L.

**PHYS 492L. Materials Laboratory II. 2 Credits.**

Continuation of PHYS 491L with emphasis on low- and high-temperature behavior, the physical and chemical behavior of lattice imperfections and amorphous materials, and the nature of radiation damage.

**Rules & Requirements**

**Requisites:** Prerequisite, APPL 491L or PHYS 491L.

**Grading Status:** Letter grade.

**Same as:** APPL 492L.

**PHYS 510. Seminar for Physics and Astronomy Teaching Assistants. 1 Credits.**

A seminar on how students learn and understand physics and astronomy and how to teach using current research-based methods.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PHYS 510L. Practicum for Physics and Astronomy Undergraduate Teaching and Learning Assistants. 1 Credits.**

This course is designed to accompany, or subsequently follow, the Seminar for New Physics and Astronomy Teaching and Learning Assistants (Phys 510) and is for undergraduates serving as Undergraduate Teaching Assistants (UTAs) for the Physics and Astronomy Department. UTAs who receive course credit cannot also be paid.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, PHYS 510.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Pass/Fail.

**PHYS 515. Optics. 3 Credits.**

Broad coverage including ray, wave, Gaussian, and Fourier optics. Interference, diffraction, polarization, and coherence. Optical properties of materials, absorption, scattering. Fiber optics, lasers, semiconductors, imaging, and special topics. Previously offered as PHYS 415.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 311 and 412; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**PHYS 521. Applications of Quantum Mechanics. 3 Credits.**

Emphasizes atomic physics but includes topics from nuclear, solid state, and particle physics, such as energy levels, the periodic system, selection rules, and fundamentals of spectroscopy.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 421.

**Grading Status:** Letter grade.

**PHYS 529. Introduction to Magnetic Resonance. 3 Credits.**

This course will provide a broad coverage of important physics principles behind nuclear magnetic resonance (NMR) spectroscopy, especially the applications of quantum mechanics. Theoretical approaches and tools for grasping the design principles of various important NMR spectroscopic techniques will be discussed. It will show, for instance, how to use NMR spectroscopy to determine molecular structures and dynamics, and how to obtain images and functional information using magnetic resonance imaging (MRI).

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 421 or CHEM 486; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**PHYS 543. Nuclear Physics. 3 Credits.**

Structure of nucleons and nuclei, nuclear models, forces and interactions, nuclear reactions.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 421; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**PHYS 545. Introductory Elementary Particle Physics. 3 Credits.**

Relativistic kinematics, symmetries and conservation laws, elementary particles and bound states, gauge theories, quantum electrodynamics, chromodynamics, electroweak unification, standard model and beyond.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 412 and 421.

**Grading Status:** Letter grade.

**PHYS 573. Introductory Solid State Physics. 3 Credits.**

Crystal symmetry, types of crystalline solids; electron and mechanical waves in crystals, electrical and magnetic properties of solids, semiconductors; low temperature phenomena; imperfections in nearly perfect crystals.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 421; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** APPL 573.

**PHYS 581. Renewable Electric Power Systems. 3 Credits.**

Broad and quantitative study of renewable electric power systems: wind systems, photovoltaic cells, distributed generation (concentrating solar power, microhydro, biomass), and the economics of these technologies.

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101L, and 202 or 271; and PHYS 131, and 131L or 281L, and 201 or 401, and 211 or 311, and 351; pre- or corequisites, CHEM 261 and 481.

**Grading Status:** Letter grade.

**PHYS 582. Decarbonizing Fuels. 3 Credits.**

Assess quantitatively the feasibility of powering humanity without increasing release of climate-altering carbon dioxide and other organic greenhouse gases into the atmosphere. Can these gases be removed? Which bio-chemical-physical novelties may scale to meet growing demand and at what cost?

**Rules & Requirements**

**Requisites:** Prerequisites, BIOL 101L, and 202 or 271; and PHYS 131, and 131L or 281L, and 201 or 401, and 211 or 311, and 351; pre- or corequisites, CHEM 261 and 481.

**Grading Status:** Letter grade.

**PHYS 585. Imaging Science: From Cells to Stars. 3 Credits.**

Fundamentals of imaging as applied to biological, medical and astronomy imaging systems. Physics of radiation and particle sources, image formation and detection physics. Principles of optics, coherence, Fourier methods, statistics, especially as they cross disciplinary boundaries for new opportunities in imaging.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 233 and PHYS 118.

**Grading Status:** Letter grade.

**PHYS 586. Introduction to Biomedical Imaging Science. 3 Credits.**

This course offers an introduction to the most common biomedical imaging modalities, including Magnetic Resonance Imaging (MRI), Computed-Tomography (CT), Positron Emission Tomography (PET), Single-Photon Emission Computed Tomography (SPECT), Ultrasound, and Optical Imaging. Lectures include discussions of imaging hardware, and relevant physics, as well as pre-clinical and clinical applications.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 119.

**Grading Status:** Letter grade.

**PHYS 594. Nonlinear Dynamics. 3 Credits.**

Interdisciplinary introduction to nonlinear dynamics and chaos. Fixed points, bifurcations, strange attractors, with applications to physics, biology, chemistry, finance.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 383; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** MATH 594.

**PHYS 631. Mathematical Methods of Theoretical Physics. 3 Credits.**

Linear vector spaces and matrices, curvilinear coordinates, functions of complex variables, ordinary and partial differential equations, Fourier series, integral transforms, special functions, differential forms.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 281L and 332.

**Grading Status:** Letter grade.

**PHYS 632. Advanced Research Analytics. 3 Credits.**

Required preparation, ability to program in a high-level computer language. Permission of the instructor for students lacking the required preparation. Methods required for the analysis, interpretation, and evaluation of physics measurements and theory. Error analysis, statistical tests, model fitting, parameter estimation, Monte Carlo methods, Bayesian inference, noise mitigation, experimental design, big data, selected numerical techniques including differential equations and Fourier techniques.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PHYS 633. Scientific Programming. 3 Credits.**

Required preparation, elementary Fortran, C, or Pascal programming. Structured programming in Fortran or Pascal; use of secondary storage and program packages; numerical methods for advanced problems, error propagation and computational efficiency; symbolic mathematics by computer.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 528 or 529, or PHYS 631 or 632.

**Grading Status:** Letter grade.

**PHYS 660. Fluid Dynamics. 3 Credits.**

The physical properties of fluids, kinematics, governing equations, viscous incompressible flow, vorticity dynamics, boundary layers, irrotational incompressible flow. Course previously offered as GEOL 560/MASC 560.

**Rules & Requirements**

**Requisites:** Prerequisite, PHYS 401; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** EMES 560, ENVR 452.

**PHYS 671L. Independent Laboratory I. 3 Credits.**

Six laboratory hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 401 and 412; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**PHYS 672L. Independent Laboratory II. 3 Credits.**

Six laboratory hours a week.

**Rules & Requirements**

**Requisites:** Prerequisites, PHYS 401 and 412; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

 **PHYS 691H. Senior Honor Thesis Research I. 3 Credits.**

Permission of the instructor. Readings in physics and directed research for a senior honor thesis project. Required of all candidates for graduation with honors in physics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **PHYS 692H. Senior Honor Thesis Research II. 3 Credits.**

Readings in physics and directed research for a senior honor thesis project. Required of all candidates for graduation with honors in physics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, PHYS 691H.

**Grading Status:** Letter grade.

## Contact Information

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## Physics Major, B.A.

Everything around you is influenced or governed by physics — the study of matter, energy, and their interactions with one another. Physics seeks to understand the way the universe “works,” from the smallest neutrinos to the structure of the cosmos. It is the foundation of all other natural sciences, including chemistry, biology, oceanography, geography, and radiography.

The Department of Physics and Astronomy offers six B.A. and two B.S. degree tracks:

- B.A. Tracks
  - Physics
  - Astronomy
  - Computational Physics
  - Energy
  - Medical and Biological Physics
  - Quantitative Finance
- B.S. Tracks
  - Physics
  - Astrophysics

Consider a B.A. degree if you're interested in physics but want to apply your training toward a wider variety of career paths after graduation. Students who completed this program have launched careers as lab researchers, application engineers, data scientists, and financial analysts, among other occupations. Some have also pursued an advanced degree in physics, medical physics, business, law, or computer science.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.

## Student Learning Outcomes

Upon completion of the physics program, students should be able to:

- Demonstrate knowledge of major concepts, theoretical reasoning, and empirical findings in physics and/or astronomy – Knowledge Base in Physics
- Apply knowledge of physics and mathematics to solve problems – Critical Thinking and Problem Solving
- Effectively conduct research under guidance of faculty member – Research and the Advancement of Physics and Astronomy
- Gain entry to top graduate programs, employment as physicists in industry, teaching positions in high school physics and astronomy, or apply their skills in other rewarding careers – Preparation for Future Career







## Requirements



In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

### Physics Major, B.A. – Standard Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 201	Basic Mechanics <sup>2</sup>	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism <sup>1</sup>	3
or PHYS 311	Electromagnetism I	
PHYS 421	Introduction to Quantum Mechanics <sup>2</sup>	3
Nine additional credits chosen from ASTR (numbered above 300) and PHYS (numbered above 200)		
<b>Additional Requirements</b>		
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3

CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
<b>Total Hours</b>		<b>52</b>















- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Fall course.

<sup>2</sup> Spring course.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 780).

### Physics Major, B.A. – Astronomy Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 201	Basic Mechanics <sup>2</sup>	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism <sup>1</sup>	3
or PHYS 311	Electromagnetism I	
PHYS 421	Introduction to Quantum Mechanics <sup>2</sup>	3
Six additional credits chosen from ASTR (numbered above 300)		
Three additional credits chosen from:		
ASTR (numbered above 300)		
PHYS 231	 Physical Computing <sup>2, H</sup>	
PHYS 295	 Research with Faculty Mentor I	
PHYS 395	 Research with Faculty Mentor II	
PHYS 585	Imaging Science: From Cells to Stars	
PHYS 691H	 Senior Honor Thesis Research I	
PHYS 692H	 Senior Honor Thesis Research II	
<b>Additional Requirements</b>		
One of the following courses:		
ASTR 100	 Understanding the Universe	
or ASTR 101	 Introduction to Astronomy: The Solar System	
or ASTR 102	 Introduction to Astronomy: Stars, Galaxies & Cosmology	
or ASTR 103	 Alien Life in the Universe	
ASTR 100L	 Astronomy with Skynet: Our Place in Space	1
or ASTR 111	 Educational Research in Radio Astronomy	

ASTR 202	Introduction to Astrophysics <sup>1</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
<b>Total Hours</b>		<b>55</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Fall course.

<sup>2</sup> Spring course.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 780).

## Physics Major, B.A. – Computational Physics Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
PHYS 281L	Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 332	Numerical Techniques for the Sciences II <sup>1</sup>	4
PHYS 201	Basic Mechanics <sup>2</sup>	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism <sup>1</sup>	3
or PHYS 311	Electromagnetism I	
PHYS 421	Introduction to Quantum Mechanics <sup>2</sup>	3
Three additional credits chosen from:		3
PHYS/COMP 447	Quantum Computing	
COMP 301	Foundations of Programming	
Three additional credits chosen from:		3
ASTR 202	Introduction to Astrophysics <sup>1</sup>	
ASTR (numbered above 300)		
PHYS (numbered above 200) <sup>3</sup>		
COMP (numbered above 420)		
MATH 347	Linear Algebra for Applications	
or MATH 577	Linear Algebra	
STOR 435	Introduction to Probability	
<b>Additional Requirements</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4

MATH 383	First Course in Differential Equations <sup>H</sup>	3
COMP 110	Introduction to Programming and Data Science <sup>H</sup>	3
COMP 210	Data Structures and Analysis	3
COMP 283	Discrete Structures <sup>H</sup>	3
or MATH 381	Discrete Mathematics	

**Total Hours** **58**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Fall course.

<sup>2</sup> Spring course.

<sup>3</sup> PHYS 594 and PHYS 632 are recommended.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 780).

Computer Science (COMP) course descriptions (p. 338).

## Physics Major, B.A. – Energy Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
PHYS 281L	Experimental Techniques in Physics	3
PHYS 201	Basic Mechanics <sup>2</sup>	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism <sup>1</sup>	3
or PHYS 311	Electromagnetism I	
PHYS 231	Physical Computing <sup>2, H</sup>	4
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 351	Electronics I <sup>1</sup>	4
PHYS 421	Introduction to Quantum Mechanics <sup>2</sup>	3
PHYS 441	Thermal Physics <sup>1</sup>	3
PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	3
PHYS 131L	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	1
PHYS 581	Renewable Electric Power Systems	3
or PHYS 582	Decarbonizing Fuels	
<b>Additional Requirements</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4



MATH 383	First Course in Differential Equations <sup>H</sup>	3
<b>Total Hours</b>		<b>57</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Fall course.

<sup>2</sup> Spring course.

Physics (PHYS) course descriptions (p. 780).

## Physics Major, B.A. – Medical and Biological Physics Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
PHYS 281L	Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 201	Basic Mechanics <sup>2</sup>	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism <sup>1</sup>	3
or PHYS 311	Electromagnetism I	
PHYS 421	Introduction to Quantum Mechanics <sup>2</sup>	3
PHYS 405	Biological Physics	3
PHYS 461	Introduction to Medical Physics	3
or PHYS 586	Introduction to Biomedical Imaging Science	
<b>Additional Requirements</b>		
BIOL 101	Principles of Biology <sup>H, F</sup>	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102	General Descriptive Chemistry II <sup>H, F</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Three additional credits chosen from:		3
BIOL (numbered above 200)		
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	
PHYS (numbered above 200) <sup>3</sup>		
<b>Total Hours</b>		<b>58</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Fall course.

<sup>2</sup> Spring course.

<sup>3</sup> PHYS 295 and PHYS 395 with research projects in medical and biological physics, and Introduction to Magnetic Resonance (PHYS 529) are recommended.

Biology (BIOL) course descriptions (p. 216).

Chemistry (CHEM) course descriptions (p. 269).

Physics (PHYS) course descriptions (p. 780).

## Physics Major, B.A. – Quantitative Finance Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
PHYS 281L	Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 201	Basic Mechanics <sup>2</sup>	3
or PHYS 401	Mechanics I	
PHYS 211	Intermediate Electromagnetism <sup>1</sup>	3
or PHYS 311	Electromagnetism I	
PHYS 421	Introduction to Quantum Mechanics <sup>2</sup>	3
PHYS/BMME 441	Thermal Physics <sup>1</sup>	3
or CHEM 481	Physical Chemistry I	
Three additional credits chosen from the following options <sup>3</sup>		3
BUSI 407	Financial Accounting <sup>3</sup>	
BUSI 410	Business Analytics	
BUSI 584	Financial Modeling	
MATH courses numbered above 200		
PHYS courses numbered above 200		
COMP courses numbered above 200		
<b>Additional Requirements</b>		
BUSI 408	Corporate Finance <sup>4</sup>	3
BUSI 580	Investments <sup>H</sup>	3
BUSI 588	Introduction to Derivative Securities and Risk Management <sup>5, H</sup>	1.5
BUSI 589	Fixed Income <sup>5, H</sup>	1.5
BUSI 600	Risk Management <sup>5</sup>	1.5
BUSI 688	Applied Trading Strategies <sup>5, H</sup>	1.5
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4

MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
<b>Total Hours</b>		<b>57</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Fall course.

<sup>2</sup> Spring course.

<sup>3</sup> Students are strongly encouraged to take BUSI 407.

<sup>4</sup> ECON 101 and one of BUSI 101, BUSI 102, or BUSI 107 are prerequisites for BUSI 408, but these prerequisites may be waived for students in the Quantitative Finance program.

<sup>5</sup> Half-semester course.

Students must maintain a minimum cumulative GPA of at least 2.85. Students majoring in the quantitative finance option cannot pursue the minor in business.

Business Administration (BUSI) course descriptions (p. 1040).

Mathematics (MATH) course descriptions (p. 687).

Physics (PHYS) course descriptions (p. 780).

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

### Standard Option

#### First Year

Fall Semester	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Global Language through level 3 (p. 1180)	varies

#### Major Courses

MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup>	4
CHEM 101  General Descriptive Chemistry I & 101L and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
<b>Hours</b>	<b>12</b>

#### Spring Semester

#### First-Year Foundation Courses

ENGL 105  English Composition and Rhetoric	3
or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	
Triple-I and Data Literacy (p. 1179)	4

#### Major Courses

MATH 232  Calculus of Functions of One Variable II <sup>H, F</sup>	4
<b>Hours</b>	<b>11</b>

#### Sophomore Year

##### Fall Semester

PHYS 118  Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
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MATH 233  Calculus of Functions of Several Variables <sup>H, F</sup>	4
<b>Hours</b>	<b>8</b>

##### Spring Semester

PHYS 119  Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
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MATH 383 First Course in Differential Equations <sup>H</sup>	3
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PHYS 331 Numerical Techniques for the Sciences I	4
<b>Hours</b>	<b>11</b>

#### Junior Year

##### Fall Semester

PHYS 281L  Experimental Techniques in Physics	3
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PHYS 211 Intermediate Electromagnetism or Electromagnetism I	3
or PHYS 311	
<b>Hours</b>	<b>6</b>

##### Spring Semester

PHYS 201 Basic Mechanics or Mechanics I	3
or PHYS 401	

PHYS 421 Introduction to Quantum Mechanics	3
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One course (3 hours) chosen from ASTR (numbered above 300) and PHYS (numbered above 200)	3
<b>Hours</b>	<b>9</b>

#### Senior Year

##### Fall Semester

One course (3 hours) chosen from ASTR (numbered above 300) and PHYS (numbered above 200)	3
<b>Hours</b>	<b>3</b>

<b>Hours</b>	<b>3</b>
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##### Spring Semester

One course (3 hours) chosen from ASTR (numbered above 300) and PHYS (numbered above 200)	3
<b>Hours</b>	<b>3</b>

<b>Total Hours</b>	<b>63</b>
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<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

### Astronomy Option

<b>First Year</b>		
<b>Fall Semester</b>		<b>Hours</b>
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
ASTR 101 & ASTR 100L	Introduction to Astronomy: The Solar System and Astronomy with Skynet: Our Place in Space <sup>H</sup>	4
<b>Hours</b>		<b>13</b>
<b>Spring Semester</b>		
<b>First-Year Foundation Courses</b>		
ENGL 105 or ENGL 105I	English Composition and Rhetoric or English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
<b>Major Courses</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
<b>Hours</b>		<b>14</b>
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
<b>Hours</b>		<b>8</b>
<b>Spring Semester</b>		
PHYS 281L	Experimental Techniques in Physics	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
PHYS 331	Numerical Techniques for the Sciences I	4
<b>Hours</b>		<b>10</b>
<b>Junior Year</b>		
<b>Fall Semester</b>		
ASTR 202	Introduction to Astrophysics	3
PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
<b>Hours</b>		<b>6</b>
<b>Spring Semester</b>		
PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3

PHYS 421	Introduction to Quantum Mechanics	3
One course chosen from ASTR (numbered above 300)		3
<b>Hours</b>		<b>9</b>
<b>Senior Year</b>		
<b>Fall Semester</b>		
One course chosen from ASTR (numbered above 300)		3
One additional elective course <sup>1</sup>		3
<b>Hours</b>		<b>6</b>
<b>Total Hours</b>		<b>66</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Three credits chosen from ASTR (numbered above 300) and PHYS 231, PHYS 295, PHYS 395, PHYS 585, PHYS 691H, PHYS 692H.

### Computational Physics Option

<b>First Year</b>		
<b>Fall Semester</b>		<b>Hours</b>
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
COMP 110	Introduction to Programming and Data Science (if needed as prerequisite) <sup>H</sup>	3
<b>Hours</b>		<b>12</b>
<b>Spring Semester</b>		
<b>First-Year Foundation Courses</b>		
ENGL 105 or ENGL 105I	English Composition and Rhetoric or English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
<b>Major Courses</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
<b>Hours</b>		<b>14</b>
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4

COMP 283 or MATH 381	Discrete Structures <sup>H</sup> or Discrete Mathematics	3
<b>Hours</b>		<b>11</b>
<b>Spring Semester</b>		
MATH 383	First Course in Differential Equations <sup>H</sup>	3
COMP 210	Data Structures and Analysis	3
PHYS 331	Numerical Techniques for the Sciences I	4
<b>Hours</b>		<b>10</b>
<b>Junior Year</b>		
<b>Fall Semester</b>		
PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
PHYS 281L	Experimental Techniques in Physics	3
<b>Hours</b>		<b>6</b>
<b>Spring Semester</b>		
PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
PHYS 421	Introduction to Quantum Mechanics	3
<b>Hours</b>		<b>6</b>
<b>Senior Year</b>		
<b>Fall Semester</b>		
PHYS 332	Numerical Techniques for the Sciences II	4
Elective Course <sup>1</sup>		3
<b>Hours</b>		<b>7</b>
<b>Spring Semester</b>		
Elective Course <sup>2</sup>		3
<b>Hours</b>		<b>3</b>
<b>Total Hours</b>		<b>69</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Three credits chosen from ASTR 202, ASTR (numbered above 300), PHYS (numbered above 200), COMP (numbered above 420), MATH 347 or MATH 577, and STOR 435.

<sup>2</sup> Courses may be chosen from PHYS 447 or COMP 447 or COMP 301.

## Energy Option

<b>First Year</b>		
<b>Fall Semester</b>		<b>Hours</b>
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies

<b>Major Courses</b>		
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
<b>Hours</b>		<b>9</b>
<b>Spring Semester</b>		
<b>First-Year Foundation Courses</b>		
ENGL 105 or ENGL 105I	English Composition and Rhetoric or English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
<b>Major Courses</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
<b>Hours</b>		<b>14</b>
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
PHYS 131	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	3
PHYS 131L	Energy: Physical Principles and the Quest for Alternatives to Dwindling Oil and Gas	1
<b>Hours</b>		<b>12</b>
<b>Spring Semester</b>		
PHYS 281L	Experimental Techniques in Physics	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
PHYS 331	Numerical Techniques for the Sciences I	4
<b>Hours</b>		<b>10</b>
<b>Junior Year</b>		
<b>Fall Semester</b>		
PHYS 211 or PHYS 311	Intermediate Electromagnetism or Electromagnetism I	3
PHYS 351	Electronics I	4
<b>Hours</b>		<b>7</b>
<b>Spring Semester</b>		
PHYS 201 or PHYS 401	Basic Mechanics or Mechanics I	3
PHYS 231	Physical Computing <sup>H</sup>	4
PHYS 421	Introduction to Quantum Mechanics	3
<b>Hours</b>		<b>10</b>
<b>Senior Year</b>		
<b>Fall Semester</b>		
PHYS 441	Thermal Physics	3
<b>Hours</b>		<b>3</b>

**Spring Semester**

PHYS 581	Renewable Electric Power Systems or or Decarbonizing Fuels	3
	PHYS 582	

**Hours** 3

**Total Hours** 68


H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.


**Medical and Biological Physics Option**
**First Year**

**Fall Semester** **Hours**

**First-Year Foundation Courses**

IDST 101  College Thriving 1


ENGL 105  English Composition and Rhetoric 3

or  
ENGL 105I  English Composition and Rhetoric  
(Interdisciplinary)

Triple-I and Data Literacy (p. 1179) 4

Global Language through level 3 (p. 1180) varies

**Major Courses**

MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup> 4


BIOL 101  Principles of Biology <sup>H, F</sup> 3


**Hours** 15



**Spring Semester**
**First-Year Foundation Courses**

First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup> 3

**Major Courses**


PHYS 118  Introductory Calculus-based Mechanics and  
Relativity <sup>H, F</sup> 4

MATH 232  Calculus of Functions of One Variable II <sup>H, F</sup> 4


CHEM 101  General Descriptive Chemistry I  
& 101L and  Quantitative Chemistry Laboratory I <sup>H, F</sup>

**Hours** 15

**Sophomore Year**
**Fall Semester**

PHYS 119  Introductory Calculus-based Electromagnetism  
and Quanta <sup>H, F</sup> 4


MATH 233  Calculus of Functions of Several Variables <sup>H, F</sup> 4

CHEM 102  General Descriptive Chemistry II <sup>H, F</sup> 3

**Hours** 11

**Spring Semester**

PHYS 281L  Experimental Techniques in Physics 3

MATH 383  First Course in Differential Equations <sup>H</sup> 3

PHYS 331  Numerical Techniques for the Sciences I 4

**Hours** 10



**Junior Year**
**Fall Semester**


PHYS 405  Biological Physics 3

Elective course <sup>1</sup> 3

**Hours** 6



**Spring Semester**

PHYS 201  Basic Mechanics  
or  
PHYS 401  or Mechanics I 3

PHYS 421  Introduction to Quantum Mechanics 3



**Hours** 6

**Senior Year**
**Fall Semester**

PHYS 211  Intermediate Electromagnetism  
or  
PHYS 311  or Electromagnetism I 3

**Hours** 3

**Spring Semester**

PHYS 461  Introduction to Medical Physics  
or  
PHYS 586  or Introduction to Biomedical Imaging Science 3

**Hours** 3

**Total Hours** 69

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.



<sup>1</sup> Courses may be chosen from BIOL (numbered above 200), CHEM 261, CHEM 262, CHEM 430, PHYS (numbered above 200).

**Quantitative Finance Option**
**First Year**

**Fall Semester** **Hours**

**First-Year Foundation Courses**


IDST 101  College Thriving 1

ENGL 105  English Composition and Rhetoric 3  
or  
ENGL 105I  or English Composition and Rhetoric  
(Interdisciplinary)

Triple-I and Data Literacy (p. 1179) 4

Global Language through level 3 (p. 1180) varies

**Major Courses**


MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup> 4

**Hours** 12

**Spring Semester**
**First-Year Foundation Courses**

First-Year Seminar or First-Year Launch (p. 1171)<sup>F</sup> 3

### Major Courses


PHYS 118  Introductory Calculus-based Mechanics and Relativity<sup>H,F</sup> 4


MATH 232  Calculus of Functions of One Variable II<sup>H,F</sup> 4

**Hours** 11

### Sophomore Year

#### Fall Semester

PHYS 119  Introductory Calculus-based Electromagnetism and Quanta<sup>H,F</sup> 4

MATH 233  Calculus of Functions of Several Variables<sup>H,F</sup> 4

**Hours** 8

#### Spring Semester

PHYS 281L  Experimental Techniques in Physics 3

PHYS 331 Numerical Techniques for the Sciences I 4

MATH 383 First Course in Differential Equations<sup>H</sup> 3

**Hours** 10

### Junior Year

#### Fall Semester

PHYS 211 Intermediate Electromagnetism  
or  
PHYS 311 or Electromagnetism I 3

PHYS 441 Thermal Physics  
or  
CHEM 481 or Physical Chemistry I 3

BUSI 408 Corporate Finance 3

**Hours** 9

#### Spring Semester

PHYS 201 Basic Mechanics  
or  
PHYS 401 or Mechanics I 3

PHYS 421 Introduction to Quantum Mechanics 3

BUSI 580 Investments<sup>H</sup> 3

**Hours** 9

### Senior Year

#### Fall Semester

BUSI 588 Introduction to Derivative Securities and Risk Management<sup>H</sup> 1.5

BUSI 589 Fixed Income<sup>H</sup> 1.5

BUSI 688 Applied Trading Strategies<sup>H</sup> 1.5

**Hours** 4.5

#### Spring Semester

BUSI 600 Risk Management 1.5

Elective course<sup>1</sup> 3

**Hours** 4.5

**Total Hours** 68

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Courses may be chosen from BUSI 407, BUSI 410, BUSI 584, MATH (numbered above 200), PHYS (numbered above 200), or COMP (numbered above 200).

## Special Opportunities in Physics and Astronomy

### Honors in Physics and Astronomy

The honors program offers exceptionally well-qualified students an opportunity to perform original research with a faculty member and graduate with honors or highest honors. It requires an overall grade point average of at least 3.3 and a grade point average of at least 3.4 for physics courses at the end of the junior year.

Students who wish to enter the honors program should consult with the departmental coordinator (<http://physics.unc.edu/undergraduate-program/undergraduate-research/>) for the program no later than the preregistration period in the spring semester of their junior year.

### Undergraduate Research

All majors conduct at least one semester of research under the supervision of a faculty member. Many enjoy the experience so much that they continue for several semesters. PHYS 395 Research with Faculty Mentor II is a required course for all of our BS majors. In addition to PHYS 395, students may also take PHYS 295 Research with Faculty Mentor I as an elective as many times as desired. These courses give students the opportunity to participate in leading-edge research and to gain hands-on experience with a variety of experimental tools and techniques that will enhance their resume. An approved learning contract is required prior to registering for PHYS 295 and PHYS 395, and students must be registered within the first week of classes.

### Departmental Involvement



The Society of Physics Students (<https://physics.unc.edu/undergraduate/student-organizations/society-of-physics-students/>) is open to anyone interested in physics and is meant to build connections between undergraduates, graduate students, faculty, and alumni. The society invites visitors to give talks and sponsors a number of events for students each year.

The Visibility in Physics (<https://physics.unc.edu/undergraduate/student-organizations/visibility-in-physics/>) is a student organization that aims to provide resources, advice, and a welcoming and encouraging social atmosphere for underrepresented minorities and allies in the field of physics.

### UNC-BEST

The UNC Baccalaureate Education in Science and Teaching (UNC-BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC-BEST students also fulfill teaching licensure coursework requirements as well as many

General Education and elective requirements as they complete courses in teaching and learning.

Code	Title	Hours
<b>Pedagogy Course</b>		
EDUC 760	Methods and Materials for Teaching Secondary/ K-12 Subjects I	3
<b>Educational Foundations</b>		
EDUC 532	 Human Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
<b>Student Teaching</b>		
EDUC 593	 Internship/Student Teaching (final semester)	12
<b>Seminar</b>		
EDUC 601	Education Workshops (must be completed during student teaching semester)	1
<b>Total Hours</b>		<b>25</b>

## Undergraduate Awards

The department gives awards each year to the senior (Shearin Award) and junior (Johnson Award) who demonstrate the greatest academic achievement. In addition, the department awards the major with the most research achievement the Robert Sheldon Award for Undergraduate Research.

## Department Programs

### Majors

- Physics Major, B.A. (p. 790)
- Physics Major, B.S. (p. 799)

### Minors

- Astronomy Minor (p. 805)
- Physics Minor (p. 806)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

## Contact Information

### Department of Physics and Astronomy

Visit Program Website (<http://physics.unc.edu>)  
Phillips Hall, CB# 3255  
(919) 962-2078

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### Academic Affairs Coordinator

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### Director of Undergraduate Studies

Tamara Branca

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### Physics Advisor (Students with Last Names Beginning with A–J)

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### Physics Advisor (Students with Last Names Beginning with K–N, and Astrophysics and Astronomy Majors and Minors with Last Names Beginning with A-F)

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### Physics Advisor and Associate Director of Undergraduate Studies (Students with Last Names Beginning with S-V)

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### Physics Advisor (Students with Last Names Beginning with O-R, and Astrophysics and Astronomy Majors and Minors with Last Names Beginning with G-Z)

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[reichart@physics.unc.edu](mailto:reichart@physics.unc.edu)

### Physics Advisor (Students with Last Names Beginning with W–Z, and Quantitative Finance Majors)

Stefan Jeglinski  
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## Physics Major, B.S.

Everything around you is influenced or governed by physics — the study of matter, energy, and their interactions with one another. Physics seeks to understand the way the universe “works,” from the smallest neutrinos to the structure of the cosmos. It is the foundation of all other natural sciences, including chemistry, biology, oceanography, geography, and radiography.

The Department of Physics and Astronomy offers six B.A. and two B.S. degree tracks:

- B.A. Tracks
  - Physics
  - Astronomy
  - Computational Physics
  - Energy
  - Medical and Biological Physics
  - Quantitative Finance
- B.S. Tracks
  - Physics
  - Astrophysics

Consider a B.A. degree if you're interested in physics but want to apply your training toward a wider variety of career paths after graduation. Students who completed this program have launched careers as lab researchers, application engineers, data scientists, and financial analysts, among other occupations. Some have also pursued an advanced degree in physics, medical physics, business, law, or computer science.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.

## Student Learning Outcomes

Upon completion of the physics program, students should be able to:

- Demonstrate knowledge of major concepts, theoretical reasoning, and empirical findings in physics and/or astronomy – Knowledge Base in Physics
- Apply knowledge of physics and mathematics to solve problems – Critical Thinking and Problem Solving
- Effectively conduct research under guidance of faculty member – Research and the Advancement of Physics and Astronomy
- Gain entry to top graduate programs, employment as physicists in industry, teaching positions in high school physics and astronomy, or apply their skills in other rewarding careers – Preparation for Future Career






## Requirements








In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

### Physics Major, B.S.–Standard Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 332	Numerical Techniques for the Sciences II <sup>1</sup>	4
PHYS 401	Mechanics I <sup>2</sup>	3
PHYS 311	Electromagnetism I <sup>1</sup>	3
PHYS 412	Electromagnetism II <sup>2</sup>	3
PHYS 351	Electronics I <sup>1</sup>	4
PHYS 421	Introduction to Quantum Mechanics <sup>2</sup>	3
PHYS 521	Applications of Quantum Mechanics <sup>1</sup>	3
PHYS 441	Thermal Physics <sup>1</sup>	3
PHYS 481L	 Advanced Laboratory I <sup>2</sup>	2
PHYS 395	 Research with Faculty Mentor II	3
	or PHYS 692H  Senior Honor Thesis Research II	
Six additional credit hours chosen from:		6
	ASTR (numbered above 300)	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 529	Mathematical Methods for the Physical Sciences II	
PHYS 231	 Physical Computing <sup>2,H</sup>	
	PHYS (numbered above 300)	
<b>Additional Requirements</b>		

PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H,F</sup>	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H,F</sup>	4
MATH 231	 Calculus of Functions of One Variable I <sup>H,F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H,F</sup>	4
MATH 233	 Calculus of Functions of Several Variables <sup>H,F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I (CHEM 102/CHEM 102L are recommended but not required) <sup>H,F</sup>	4
Remaining General Education requirements and enough free electives to accumulate 120 academic hours		49
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.






<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Fall course.

<sup>2</sup> Spring course.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 780).

### Physics Major, B.S.–Astrophysics Option

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 331	Numerical Techniques for the Sciences I	4
PHYS 332	Numerical Techniques for the Sciences II <sup>1</sup>	4
PHYS 401	Mechanics I <sup>2</sup>	3
PHYS 311	Electromagnetism I <sup>1</sup>	3
PHYS 412	Electromagnetism II <sup>2</sup>	3
PHYS 421	Introduction to Quantum Mechanics <sup>2</sup>	3
PHYS 521	Applications of Quantum Mechanics <sup>1</sup>	3
PHYS 441	Thermal Physics <sup>1</sup>	3
ASTR 519	 Observational Astronomy <sup>1</sup>	4
PHYS 395	 Research with Faculty Mentor II	3
	or PHYS 692H  Senior Honor Thesis Research II	
One additional course chosen from ASTR (numbered above 300)		3
Six or more additional credit hours chosen from:		6
	ASTR (numbered above 300)	
MATH 528	Mathematical Methods for the Physical Sciences I	
MATH 529	Mathematical Methods for the Physical Sciences II	
PHYS 231	 Physical Computing <sup>2,H</sup>	
PHYS 351	Electronics I <sup>1</sup>	



PHYS 632	Advanced Research Analytics	
<b>Additional Requirements</b>		
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
ASTR 202	Introduction to Astrophysics (CHEM 101/ CHEM 101L are recommended but not required) <sup>1</sup>	3
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
MATH 383	First Course in Differential Equations <sup>H</sup>	3
Remaining General Education requirements and enough free electives to accumulate 120 academic hours		49
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Fall course.

<sup>2</sup> Spring course.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 780).

It is strongly recommended that students planning to major in physics fulfill the Foundations requirement in English composition and rhetoric by enrolling in ENGL 105I.


Most students will find it advantageous to defer some of the General Education requirements to the junior and/or senior year(s).













## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

## Standard Option

### Sample I (for students placed into MATH 231)

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1

ENGL 105  English Composition and Rhetoric	3
OR ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Hours</b>	<b>11</b>
<b>Fall Semester</b>	
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup>	4
CHEM 101  General Descriptive Chemistry I & 101L and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
<b>Hours</b>	<b>8</b>
<b>Spring Semester</b>	
PHYS 118  Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
MATH 232  Calculus of Functions of One Variable II <sup>H, F</sup>	4
<b>Hours</b>	<b>8</b>
<b>Sophomore Year</b>	
<b>Fall Semester</b>	
PHYS 119  Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
MATH 233  Calculus of Functions of Several Variables <sup>H, F</sup>	4
<b>Hours</b>	<b>8</b>
<b>Spring Semester</b>	
PHYS 281L  Experimental Techniques in Physics	3
PHYS 401 Mechanics I	3
PHYS 331 Numerical Techniques for the Sciences I	4
MATH 383 First Course in Differential Equations <sup>H</sup>	3
<b>Hours</b>	<b>13</b>
<b>Junior Year</b>	
<b>Fall Semester</b>	
PHYS 311 Electromagnetism I	3
PHYS 351 Electronics I	4
PHYS 332 Numerical Techniques for the Sciences II	4
<b>Hours</b>	<b>11</b>
<b>Spring Semester</b>	
PHYS 412 Electromagnetism II	3
PHYS 421 Introduction to Quantum Mechanics	3
PHYS 395  Research with Faculty Mentor II <sup>2</sup>	3
<b>Hours</b>	<b>9</b>
<b>Senior Year</b>	
<b>Fall Semester</b>	
PHYS 441 Thermal Physics	3
PHYS 521 Applications of Quantum Mechanics	3
One elective course <sup>1</sup>	3
<b>Hours</b>	<b>9</b>
<b>Spring Semester</b>	
PHYS 481L  Advanced Laboratory I	2

One elective course <sup>1</sup>	3
<b>Hours</b>	<b>5</b>
<b>Total Hours</b>	<b>82</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Courses may be chosen from ASTR (numbered above 300), MATH 528, MATH 529, PHYS 231, PHYS (numbered above 300).

<sup>2</sup> Students who complete a senior honors thesis (PHYS 691H and PHYS 692H) may use PHYS 692H to fulfill the PHYS 395 requirement in the major.

## Sample II (for students placed into MATH 232)

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Hours</b>	<b>11</b>
<b>Fall Semester</b>	
PHYS 118  Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
MATH 232  Calculus of Functions of One Variable II <sup>H, F</sup>	4
<b>Hours</b>	<b>8</b>
<b>Spring Semester</b>	
PHYS 119  Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
MATH 233  Calculus of Functions of Several Variables <sup>H, F</sup>	4
CHEM 101  General Descriptive Chemistry I & 101L  and Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
<b>Hours</b>	<b>12</b>
<b>Sophomore Year</b>	
<b>Fall Semester</b>	
PHYS 281L  Experimental Techniques in Physics	3
MATH 383  First Course in Differential Equations <sup>H</sup>	3
PHYS 331  Numerical Techniques for the Sciences I	4
<b>Hours</b>	<b>10</b>
<b>Spring Semester</b>	
PHYS 401  Mechanics I	3
One elective course <sup>1</sup>	3
<b>Hours</b>	<b>6</b>

## Junior Year

### Fall Semester

PHYS 311  Electromagnetism I	3
PHYS 332  Numerical Techniques for the Sciences II	4
PHYS 351  Electronics I	4
<b>Hours</b>	<b>11</b>

### Spring Semester

PHYS 412  Electromagnetism II	3
PHYS 421  Introduction to Quantum Mechanics	3
PHYS 395  Research with Faculty Mentor II <sup>2</sup>	3
<b>Hours</b>	<b>9</b>

## Senior Year

### Fall Semester

PHYS 441  Thermal Physics	3
PHYS 521  Applications of Quantum Mechanics	3
<b>Hours</b>	<b>6</b>

### Spring Semester

PHYS 481L  Advanced Laboratory I	2
One elective course <sup>1</sup>	3
<b>Hours</b>	<b>5</b>
<b>Total Hours</b>	<b>78</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Courses may be chosen from ASTR (numbered above 300), MATH 528, MATH 529, PHYS 231, PHYS (numbered above 300).

<sup>2</sup> Students who complete a senior honors thesis (PHYS 691H and PHYS 692H) may use PHYS 692H to fulfill the PHYS 395 requirement in the major.

## Astrophysics Option

### Sample I (for students placed into MATH 231)

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Hours</b>	<b>11</b>
<b>Fall Semester</b>	
MATH 231  Calculus of Functions of One Variable I <sup>H, F</sup>	4
<b>Hours</b>	<b>4</b>

**Spring Semester**

PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
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MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
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**Hours** 8

**Sophomore Year****Fall Semester**

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
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MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
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ASTR 202	Introduction to Astrophysics	3
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**Hours** 11

**Spring Semester**

PHYS 281L	Experimental Techniques in Physics	3
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PHYS 331	Numerical Techniques for the Sciences I	4
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PHYS 401	Mechanics I	3
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MATH 383	First Course in Differential Equations <sup>H</sup>	3
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**Hours** 13

**Junior Year****Fall Semester**

PHYS 311	Electromagnetism I	3
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PHYS 332	Numerical Techniques for the Sciences II	4
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ASTR 519	Observational Astronomy	4
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**Hours** 11

**Spring Semester**

PHYS 412	Electromagnetism II	3
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PHYS 421	Introduction to Quantum Mechanics	3
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One additional course chosen from ASTR (numbered above 300)		3
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PHYS 395	Research with Faculty Mentor II <sup>2</sup>	3
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**Hours** 12

**Senior Year****Fall Semester**

PHYS 441	Thermal Physics	3
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PHYS 521	Applications of Quantum Mechanics	3
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One elective course <sup>1</sup>		3
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**Hours** 9

**Spring Semester**

One elective course <sup>1</sup>		3
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**Hours** 3

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**Total Hours** 82

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Course may be chosen from ASTR (numbered above 300), MATH 528, MATH 529, PHYS 231, PHYS 351, PHYS 632.

<sup>2</sup> Students who complete a senior honors thesis (PHYS 691H and PHYS 692H) may use PHYS 692H to fulfill the PHYS 395 requirement in the major.

**Sample II (for students placed into MATH 232)**

**First Year** **Hours**

**First-Year Foundation Courses**

IDST 101	College Thriving	1
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ENGL 105	English Composition and Rhetoric	3
or ENGL 105I	or  English Composition and Rhetoric (Interdisciplinary)	

First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
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Triple-I and Data Literacy (p. 1179)		4
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Global Language through level 3 (p. 1180)		varies
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**Hours** 11

**Fall Semester**

PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H, F</sup>	4
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MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
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**Hours** 8

**Spring Semester**

PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H, F</sup>	4
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MATH 233	Calculus of Functions of Several Variables <sup>H, F</sup>	4
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**Hours** 8

**Sophomore Year****Fall Semester**

PHYS 281L	Experimental Techniques in Physics	3
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MATH 383	First Course in Differential Equations <sup>H</sup>	3
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ASTR 202	Introduction to Astrophysics	3
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**Hours** 9

**Spring Semester**

PHYS 401	Mechanics I	3
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PHYS 331	Numerical Techniques for the Sciences I	4
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One additional course chosen from ASTR (numbered above 300)		3
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**Hours** 10

**Junior Year****Fall Semester**

PHYS 311	Electromagnetism I	3
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PHYS 332	Numerical Techniques for the Sciences II	4
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ASTR 519	Observational Astronomy	4
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**Hours** 11

**Spring Semester**

PHYS 412	Electromagnetism II	3
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PHYS 421	Introduction to Quantum Mechanics	3
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PHYS 395	Research with Faculty Mentor II <sup>2</sup>	3
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One elective course <sup>1</sup>		3
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**Hours** 12

**Senior Year****Fall Semester**

PHYS 441	Thermal Physics	3
PHYS 521	Applications of Quantum Mechanics	3

<b>Hours</b>	<b>6</b>
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**Spring Semester**

One elective course <sup>1</sup>	3
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<b>Hours</b>	<b>3</b>
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<b>Total Hours</b>	<b>78</b>
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H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Course may be chosen from ASTR (numbered above 300), MATH 528, MATH 529, PHYS 231, PHYS 351, PHYS 632.

<sup>2</sup> Students who complete a senior honors thesis (PHYS 691H and PHYS 692H) may use PHYS 692H to fulfill the PHYS 395 requirement in the major.

## Special Opportunities in Physics and Astronomy

### Honors in Physics and Astronomy

The honors program offers exceptionally well-qualified students an opportunity to perform original research with a faculty member and graduate with honors or highest honors. It requires an overall grade point average of at least 3.3 and a grade point average of at least 3.4 for physics courses at the end of the junior year.

Students who wish to enter the honors program should consult with the departmental coordinator (<http://physics.unc.edu/undergraduate-program/undergraduate-research/>) for the program no later than the preregistration period in the spring semester of their junior year.

### Undergraduate Research

All majors conduct at least one semester of research under the supervision of a faculty member. Many enjoy the experience so much that they continue for several semesters. PHYS 395 Research with Faculty Mentor II is a required course for all of our BS majors. In addition to PHYS 395, students may also take PHYS 295 Research with Faculty Mentor I as an elective as many times as desired. These courses give students the opportunity to participate in leading-edge research and to gain hands-on experience with a variety of experimental tools and techniques that will enhance their resume. An approved learning contract is required prior to registering for PHYS 295 and PHYS 395, and students must be registered within the first week of classes.

### Departmental Involvement



The Society of Physics Students (<https://physics.unc.edu/undergraduate/student-organizations/society-of-physics-students/>) is open to anyone interested in physics and is meant to build connections between undergraduates, graduate students, faculty, and alumni. The

society invites visitors to give talks and sponsors a number of events for students each year.

The Visibility in Physics (<https://physics.unc.edu/undergraduate/student-organizations/visibility-in-physics/>) is a student organization that aims to provide resources, advice, and a welcoming and encouraging social atmosphere for underrepresented minorities and allies in the field of physics.

### UNC-BEST

The UNC Baccalaureate Education in Science and Teaching (UNC-BEST) Program is a collaboration between the School of Education and the College of Arts and Sciences and is designed to allow undergraduate science majors interested in teaching high school science the opportunity to earn their science degree and obtain licensure as a North Carolina high school science teacher in four years. UNC-BEST students also fulfill teaching licensure coursework requirements as well as many General Education and elective requirements as they complete courses in teaching and learning.

Code	Title	Hours
<b>Pedagogy Course</b>		
EDUC 760	Methods and Materials for Teaching Secondary/K-12 Subjects I	3
<b>Educational Foundations</b>		
EDUC 532	 Human Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 689	Foundations of Special Education	3
<b>Student Teaching</b>		
EDUC 593	 Internship/Student Teaching (final semester)	12
<b>Seminar</b>		
EDUC 601	Education Workshops (must be completed during student teaching semester)	1
<b>Total Hours</b>		<b>25</b>

### Undergraduate Awards

The department gives awards each year to the senior (Shearin Award) and junior (Johnson Award) who demonstrate the greatest academic achievement. In addition, the department awards the major with the most research achievement the Robert Sheldon Award for Undergraduate Research.

## Department Programs

### Majors

- Physics Major, B.A. (p. 790)
- Physics Major, B.S. (p. 799)

### Minors

- Astronomy Minor (p. 805)
- Physics Minor (p. 806)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

## Contact Information

### Department of Physics and Astronomy

Visit Program Website (<http://physics.unc.edu>)  
Phillips Hall, CB# 3255  
(919) 962-2078

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#### Director of Undergraduate Studies

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#### Physics Advisor (Students with Last Names Beginning with W–Z, and Quantitative Finance Majors)

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## Astronomy Minor

Everything around you is influenced or governed by physics — the study of matter, energy, and their interactions with one another. Physics seeks to understand the way the universe “works,” from the smallest neutrinos to the structure of the cosmos. It is the foundation of all other natural sciences, including chemistry, biology, oceanography, geography, and radiography.

The Department of Physics and Astronomy offers six B.A. and two B.S. degree tracks:

- B.A. Tracks
  - Physics
  - Astronomy
  - Computational Physics
  - Energy
  - Medical and Biological Physics
  - Quantitative Finance

- B.S. Tracks
  - Physics
  - Astrophysics

Consider a B.A. degree if you're interested in physics but want to apply your training toward a wider variety of career paths after graduation. Students who completed this program have launched careers as lab researchers, application engineers, data scientists, and financial analysts, among other occupations. Some have also pursued an advanced degree in physics, medical physics, business, law, or computer science.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.









## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor “core” requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor in astronomy consists of five courses:

Code	Title	Hours
<b>Core Requirements</b>		
ASTR 100	 Understanding the Universe	3
or ASTR 101	 Introduction to Astronomy: The Solar System	
or ASTR 102	 Introduction to Astronomy: Stars, Galaxies & Cosmology	
or ASTR 103	 Alien Life in the Universe	
ASTR 100L	 Astronomy with Skynet: Our Place in Space	1
or ASTR 111	 Educational Research in Radio Astronomy	
ASTR 202	Introduction to Astrophysics <sup>1</sup>	3
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>2, F</sup>	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>3, F</sup>	4
<b>Total Hours</b>		<b>15</b>

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Fall course.

<sup>2</sup> Prerequisite, MATH 231; pre- or corequisite, MATH 232; permission of the instructor for students lacking the prerequisites.

<sup>3</sup> Prerequisites, MATH 232 and PHYS 118; pre- or corequisite, MATH 233; permission of the instructor for students lacking the prerequisites.

See program page here (p. 798) for special opportunities.

## Department Programs

### Majors

- Physics Major, B.A. (p. 790)
- Physics Major, B.S. (p. 799)

### Minors

- Astronomy Minor (p. 805)
- Physics Minor (p. 806)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

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## Physics Minor

Everything around you is influenced or governed by physics — the study of matter, energy, and their interactions with one another. Physics seeks to understand the way the universe “works,” from the smallest neutrinos to the structure of the cosmos. It is the foundation of all other natural sciences, including chemistry, biology, oceanography, geography, and radiography.

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- B.S. Tracks
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  - Astrophysics

Consider a B.A. degree if you're interested in physics but want to apply your training toward a wider variety of career paths after graduation. Students who completed this program have launched careers as lab researchers, application engineers, data scientists, and financial analysts, among other occupations. Some have also pursued an advanced degree in physics, medical physics, business, law, or computer science.

Consider a B.S. degree if you intend to pursue graduate study in physics, astronomy, or a related field, or a career practicing physics.



## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor “core” requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor in physics consists of five courses:

Code	Title	Hours
<b>Core Requirements</b>		
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>1, F</sup>	4
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>2, F</sup>	4
Three additional courses chosen from ASTR 202, ASTR (numbered above 300), and PHYS (numbered above 200). Each course must be 3 credit hours or more.		9
<b>Total Hours</b>		<b>17</b>

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Prerequisite, MATH 231; pre- or corequisite, MATH 232; permission of the instructor for students lacking the prerequisites.

<sup>2</sup> Prerequisites, MATH 232 and PHYS 118; pre- or corequisite, MATH 233; permission of the instructor for students lacking the prerequisites.

Astronomy (ASTR) and Physics (PHYS) course descriptions (p. 780).

See the program page here (p. 798) for special opportunities.

## Department Programs

### Majors

- Physics Major, B.A. (p. 790)
- Physics Major, B.S. (p. 799)

### Minors

- Astronomy Minor (p. 805)
- Physics Minor (p. 806)

### Graduate Programs

- M.S. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)
- Ph.D. in Physics (<http://catalog.unc.edu/graduate/schools-departments/physics-astronomy/>)

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### Physics Advisor (Students with Last Names Beginning with K–N, and Astrophysics and Astronomy Majors and Minors with Last Names Beginning with A–F)

Adrienne Erickcek

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### Physics Advisor and Associate Director of Undergraduate Studies (Students with Last Names Beginning with S–V)

Jennifer Weinberg-Wolf

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### Physics Advisor (Students with Last Names Beginning with O–R, and Astrophysics and Astronomy Majors and Minors with Last Names Beginning with G–Z)

Dan Reichart

[reichart@physics.unc.edu](mailto:reichart@physics.unc.edu)

### Physics Advisor (Students with Last Names Beginning with W–Z, and Quantitative Finance Majors)

Stefan Jeglinski

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## Department of Political Science Introduction

As Harold Laswell famously noted, politics is “who gets what, when, and how.” As a discipline, political science focuses on the study of political ideas, institutions, processes, policies, and behavior in the United States and around the world. The Department of Political Science offers a broad range of courses across five subfields: American politics, comparative politics, international relations, political theory, and political methodology.

Political science majors gain a versatile set of analytical and organizational skills that can be applied in a wide range of exciting careers in government, law, business, international organizations, nonprofit organizations, survey research, journalism, and teaching.

## Advising

All majors have a primary academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Students seeking advice about the political science major are encouraged to meet with the department’s undergraduate advisor or the director of undergraduate studies during their office hours (see contact information above). Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department’s website (<http://politicalscience.unc.edu>).

## Graduate School and Career Opportunities

Students with a major in political science may choose to continue their studies in a number of professional areas, including law, business administration, public administration, public policy analysis, international relations, and area studies. Students seeking to become professional political scientists should pursue graduate study in a Ph.D. program in political science.

The following is a brief listing of careers for which a major in political science is valuable preparation:

- positions with government agencies, such as the Foreign Service
- positions with international organizations, such the United Nations
- positions with nongovernmental and nonprofit organizations
- law-related professions
- business professions, including data analysis and survey research
- media and journalism

- governmental research in universities, libraries, and think tanks
- secondary- and university-level teaching and administration
- federal and state government employment
- municipal management and public administration

### Major

- Political Science Major, B.A. (p. 821)

### Graduate Programs

- M.A. in Political Science (Trans Atlantic Masters) (<https://tam.unc.edu/>)
- M.A. in Political Science (<http://catalog.unc.edu/graduate/schools-departments/political-science/>)
- Ph.D. in Political Science (<http://catalog.unc.edu/graduate/schools-departments/political-science/>)

## Professors

Navin Bapat, Frank Baumgartner, Pamela Conover, Mark Crescenzi, Stephen Gent, Jonathan Hartlyn, Marc Hetherington, Liesbet Hooghe, Evelyn Huber, Gary Marks, Kevin McGuire, Jason Roberts, Graeme Robertson, Timothy Ryan, Donald Searing, Jeffrey Spinner-Halev, Milada Vachudova.

## Associate Professors

Cameron Ballard-Rosa, Anna Bassi, Susan Bickford, Christopher Clark, Junghyun Lim, Lucy Martin, Cecilia Martinez-Gallardo, Santiago Olivella, Tyler Pratt, Sarah Treul Roberts, Isaac Unah.

## Assistant Professors

Ashley Anderson, Mary Kroeger, Lucy Martin, Alexandra Oprea, Alexander Sahn, Ye Wang.

## Adjunct Professors

John Aldrich, Daniel Gitterman, Rebecca Kreitzer, Holger Moroff, Jonathan Oberlander, Candis W. Smith, Jonathan Weiler.

## Teaching Professor

Robert Jenkins.

## Teaching Associate Professors/Advisors

Suzanne Globetti, Matthew Weidenfeld.

## Teaching Assistant Professors

Nora Hanagan, Niklaus Steiner.

## Postdoctoral Research Associate

Margaret Foster.

## Professors Emeriti


Virginia Gray, Michele Hoyman, Michael Lienesch, Lewis Lipsitz, Stuart Elaine Macdonald, Michael MacKuen, Timothy McKeown, Dick Richardson, Lars Schoultz, John Stephens, James Stimson, James White.

## POLI–Political Science Undergraduate-level Courses

### POLI 50. First-Year Seminar: Movies and Politics. 3 Credits.

Movies often reflect important social and political issues. In this course students will see a set of movies, discuss them, and put them into social and political contexts.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-POWER.


**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

### POLI 52. First-Year Seminar: Friendship in Political Thought. 3 Credits.

This seminar will explore what relationships have been designated "friendship" in the past, and why they are of such concern to political and ethical philosophers like Plato, Aristotle, Cicero, Montaigne, and Emerson. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-VALUES.


**Making Connections Gen Ed:** PH, CI.

**Grading Status:** Letter grade.

### POLI 57. First-Year Seminar: Democratic Governance in Contemporary Latin America. 3 Credits.

This seminar explores challenges in democratic governance in contemporary Latin America. With important regional variations, the exercise of state power reflects historical continuities of corruption, patronage politics, and other abuses of state resources. There are also demands for accountability and transparency across the region and more independent judiciaries.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

### POLI 59. First-Year Seminar: Revolution, America in 1776 and France in 1789. 3 Credits.

We examine the political theory of revolution at two dramatic moments in history: The American Revolution and The French Revolution. This course is throws students into New York City in 1775 and Paris in 1791 by recreating and engaging with the ideas and arguments of these times through two, role-immersive simulations.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

### POLI 63. First-Year Seminar: Social Movements and Political Protest and Violence. 3 Credits.

Unconventional collective political behavior: mass movements, riots, demonstrations, revolts, and revolution.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-POWER.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.



 **POLI 66. First-Year Seminar: The United States and the European Union: Partners or Rivals?. 3 Credits.**

The alliance between America and the European Union is one of the most important political relationships today.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **POLI 70. First-Year Seminar: Political Conflict in the European Union and the United States. 3 Credits.**


This course examines the politics of the European Union in comparison with the United States.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

 **POLI 72. First-Year Seminar: Entrepreneurship in Community and Economic Development. 3 Credits.**

This is a survey course of entrepreneurial strategies as they are used in community and economic development. It involves an individual research or service project by each student.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

 **POLI 75. First-Year Seminar: Thinking about Law. 3 Credits.**

This seminar explores the notion of a rule of law, statutory and case law, legal analysis, and the realities of the adversarial system and legal practice. Students will be engaged in analytical thinking and expression through classroom discussion, analytical papers, and examinations.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **POLI 76. First-Year Seminar: The Obama Presidency. 3 Credits.**

This course examines the presidency of Barack Obama, the first African American to serve in the nation's highest office.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

 **POLI 77. Immigrants and Refugees in World Politics. 3 Credits.**

This class focuses on two different types of global migrants, immigrants and refugees, and explores why these two groups move out of their countries and how they are treated by receiving countries. Immigrants and refugees have traditionally been thought of as politically, legally, and ethically different from each other and this class explores these differences, but it also explores the many ways that they are similar.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL.

**Grading Status:** Letter grade.

 **POLI 87. First-Year Seminar: What Does it Mean to be a Good Citizen?. 3 Credits.**

What, if any, responsibilities accompany democratic citizenship? Voting? Active participation in political meetings? Obeying laws? Volunteering in one's community? Preserving natural resources for future generations? Adhering to certain values? Protesting unjust laws? This course offers an overview of the different ways in which Americans have answered these questions.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-VALUES.

**Grading Status:** Letter grade.

 **POLI 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **POLI 100. American Democracy in Changing Times. 3 Credits.**

Why do Americans love democracy, but hate politics? Why are there only two political parties? Why do voters hate, yet respond to negative campaigning? This course will introduce students to politics in the United States, addressing these and many more questions about how American democracy works. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-VALUES.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

 **POLI 130. Introduction to Comparative Politics. 3 Credits.**

This course examines the diversity of political arrangements in societies across the globe. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

 **POLI 150. International Relations and Global Politics. 3 Credits.**

An introduction to the study of political and economic relations in the international system. Topics covered include international conflict, trade, global finance, international institutions, civil war, and human rights. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-GLOBAL.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 150.

**POLI 150L. International Relations and Global Politics Research Laboratory. 1 Credits.**

This laboratory section introduces students in POLI 150 to contemporary research methods in the study of international relations and world politics. Students will design and conduct independent research related to international politics. Permission of the instructor.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Corequisite, POLI 150.

**Grading Status:** Letter grade.

**POLI 190. Undergraduate Seminar. 1-3 Credits.**

A detailed examination of selected topics in the field of political science. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**POLI 193. Internship in Political Science. 3 Credits.**

An opportunity to obtain credit for an internship in a government or public service organization. Pass/Fail only. Does not count toward the political science major. Requires permission of the department. Open to political science majors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisite, at least two POLI courses.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

**POLI 200. The President, Congress, and Public Policy. 3 Credits.**

An analysis of the roles and influence of the president, the Congress, and other participants in the making of national policy.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 201. Politics of Bureaucracy. 3 Credits.**

Problems of the public service; internal dynamics of public organizations; acquisition and allocation of public funds; the roles of bureaucracy in relation to public policy, clients, the citizenry, and society. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 202. The United States Supreme Court. 3 Credits.**

Examination of the process of policy making on the Supreme Court. Focuses upon the selection of justices, factors affecting the court's decision making, and the impact of its policies.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 203. Race, Innocence, and the Decline of the Death Penalty. 4 Credits.**

A large majority of Americans supports the death penalty in the abstract, but the number of death sentences and executions has been declining since the mid-1990s. This course explores the decline of the death penalty by looking at race, questions of innocence, and the new politics of capital punishment.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**POLI 204. Introduction to Southern Politics. 3 Credits.**

This course examines the politics of the American South. Each state is studied separately and we examine the region from a broad/general perspective. Both academic books and journal articles are read. By the end of the course, students should be familiar with historical and contemporary politics in the South.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**POLI 205. Politics in the U.S. States. 3 Credits.**

State and local governments in the United States exercise considerable power over public policies such as education, social welfare, and taxation. This course examines similarities and differences across the U.S. states to better understand the causes and consequences of politics in these settings. Previously offered as POLI 101. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**POLI 206. Race and the Right to Vote in the United States. 3 Credits.**

This course surveys scholarly literature on political psychology, electoral institutions, racial politics, and access to the ballot in the United States. In 30 hours of community service with partner organizations, students forge deeper connections between the university and the broader community. Through consistent reflections on the importance and potential downfalls of service learning, students gain a multi-faceted view of the practice and learn how to become better service learners.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER, HI-SERVICE.

**Making Connections Gen Ed:** SS, EE- Service Learning, US.

**Grading Status:** Letter grade.

**POLI 207. The Politics of Organized Interests. 3 Credits.**

This course examines how interests organize themselves, enter into and then interact within interest communities, and seek to influence government policy through electoral activity and lobbying legislators, executives, and courts.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 208. Political Parties and Elections. 3 Credits.**

An analysis of the dynamics of party alignment and realignment and of nomination and election to public office in American national government. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 209. Analyzing Public Opinion. 3 Credits.**

A study of forces affecting public opinion and its expression in various political activities. Emphasis on gathering and analyzing opinion data. Course may be taught in the computer classroom. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.


**Making Connections Gen Ed:** SS, QI.

**Grading Status:** Letter grade.

**POLI 210. Global Issues and Globalization. 3 Credits.**

Survey of international social, political, and cultural patterns in selected societies of Africa, Asia, America, and Europe, stressing comparative analysis of conflicts and change in different historical contexts. LAC recitation sections offered in French, German, and Spanish.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** GLBL 210, ANTH 210, GEOG 210, HIST 210.

**POLI 211. Religion and Politics. 3 Credits.**

Religion and politics are deeply intertwined in contemporary America, as evidenced by heated and often highly partisan debates over a wide variety of political issues such as abortion and immigration. This course addresses the variety of ways in which religion and politics intersect for voters and political elites with a focus on understanding how scholars operationalize religious concepts and use data to make empirical claims about the relationship between religion and politics.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**POLI 215. Political Psychology: An Introduction. 3 Credits.**

Findings of the behavioral sciences are examined as they relate to politics. Includes such issues as human nature, community, political socialization, alienation, mass movements, belief systems, and personality.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 217. Women and Politics. 3 Credits.**

A comparison of men and women as political actors at the mass and elite level in America. Topics considered include the "gender gap," the women's movement, abortion, and the Equal Rights Amendment.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** WGST 217.

**POLI 220. Race, Ethnicity, and Electoral Representation in the United States. 3 Credits.**

This course examines the electoral representation of racial and ethnic minorities in the United States. While multiple ethnic groups are studied, there will be an emphasis on the two largest minority groups in the country: Latinos and African Americans.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**POLI 231. Latin America and the United States in World Politics. 3 Credits.**

A survey of the events, institutions, and issues that have dominated relations between Latin America and the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 232. Politics of the United Kingdom. 3 Credits.**

An introduction to contemporary UK politics emphasizing the political battle between socialist and conservative ideologies. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**POLI 233. Comparative Politics of the Middle East. 3 Credits.**

This course is designed as an introduction to contemporary Middle Eastern politics for advanced undergraduates. To explore this topic, the course combines systematic analytical approaches to big questions with concrete knowledge of events and developments in specific countries. In so doing, it aims to give students a critical understanding of politics while simultaneously building empirical knowledge about the Middle East/North Africa region. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**POLI 234. Comparative Politics of the Global South. 3 Credits.**

An overview of politics and government in the Global South, emphasizing theories and challenges of development, modernization, and democratization. Regional emphasis may vary by instructor.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**POLI 235. The Politics of Russia and Eurasia. 3 Credits.**

Factors and forces that explain the rise and demise of the Soviet political system and consideration of emerging new political configurations in the area. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**POLI 236. Politics of East-Central Europe. 3 Credits.**

Examines contemporary politics in east-central Europe by looking at the communist period, the 1989 revolutions, and the political, economic, and social transformations underway in the area. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**POLI 237. The Politics of China. 3 Credits.**

An introduction to the politics of People's Republic of China with a focus on the Reform Era. Provides a working knowledge for understanding political events in contemporary China in three parts: historical background, evolution of political institutions, and changing relations between ordinary people and the Chinese state.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**POLI 238. Politics of the Global South: Latin America. 3 Credits.**

An introduction to politics and political economy of Latin America, emphasizing Latin America's position in the Global South and including consideration of leading theoretical explanations of development and political change. Country emphasis varies with instructor. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**POLI 239. Introduction to European Government. 3 Credits.**

A treatment of the political institutions and processes of western European democracies, with special attention to France, Germany, England, and Italy. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** EURO 239.

**POLI 240. African American Politics. 3 Credits.**

A survey of African American political development from emancipation to the present. The course examines the dynamics of minority group politics with African Americans as the primary unit of analysis. Students consider African American politics in domestic and global contexts and issues of local, regional, national, and international relevance.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**Same as:** AAAD 240.

**POLI 241. Comparative Political Behavior. 3 Credits.**

Political behavior is the study of attitudes, ideology, and engagement with the government. Why are some individuals more likely than others to support specific policies? How do we understand the connection between voters and political parties? What makes an individual more likely to vote? When and where are broad social movements, wars, rebellions and revolutions most likely to occur? Comparative political behavior studies how these phenomena operate across different institutional and cultural environments. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**POLI 248. Intersectionality: Race, Gender, Sexuality, and Social Justice. 3 Credits.**

The first goal of this super course is to give students real tools for how to address multiple modes of difference and identity formations like race, gender, class, and sexuality.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**Same as:** AMST 248, ENGL 248, WGST 249.

**POLI 252. International Organizations and Global Issues. 3 Credits.**

Examines international organizations and their relationships with and impact upon international politics, international law, and selected global issues. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 252.

**POLI 253. Problems in World Order. 3 Credits.**

An examination of selected topics in international relations, such as security and defense, international integration, and north-south relations.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 253.

**POLI 254. International Environmental Politics. 3 Credits.**

Covers the politics of environmental issues, with a focus on issues that have become internationalized. It focuses on the special problems that arise in creating rules for environmental management and regulation when no single government has authority to enforce those rules.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** ENEC 254.

**POLI 255. International Migration and Citizenship Today. 3 Credits.**

This class explores the moral, economic, political, and cultural dimensions of international migration. It is discussion-based and tackles such thorny questions as: Do we have an obligation to let poor people into our rich country? What constitutes persecution? How do foreigners affect national identity? How should citizenship be allocated? Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** GL, US.

**Grading Status:** Letter grade.

**POLI 256. The Politics of the First Era (1880-1914) of Globalization. 3 Credits.**

This course considers the politics of international trade and finance on the eve of World War I. We explore the factors, domestic and international, that facilitated integration prior to World War I, as well as those that prevented a return to economic openness in the 1920s and 1930s.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**POLI 257. Politics, Society, and Culture in Postwar Germany. 3 Credits.**

The interdisciplinary seminar will explore cultural, historical, and political issues of contemporary Germany and analyze German developments from the postwar period to the present. Readings and discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 257, EURO 257.

**POLI 260. Crisis and Change in Russia and Eastern Europe. 3 Credits.**

Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** PWAD 260, SOCI 260.

**POLI 265. Feminism and Political Theory. 3 Credits.**

Introduction to feminist theory and its implications for the study and practice of political theory. Topics: women in feminist critiques of the Western political tradition, schools of feminist political theory.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** PH, CI, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 265.

**POLI 270. Classical Political Thought. 3 Credits.**

Survey designed to introduce students to major political thinkers and ideas of the ancient world and of the medieval period. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, NA, WB.

**Grading Status:** Letter grade.

**POLI 271. Modern Political Thought. 3 Credits.**

Survey course designed to introduce students to major political thinkers and schools of thought dating roughly from the 16th century to the present. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**POLI 272. The Ethics of Peace, War, and Defense. 3 Credits.**

An analysis of ethical issues that arise in peace, war, and defense, e.g., the legitimacy of states, just war theory, terrorism, weapons of mass destruction.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, GL, NA.

**Grading Status:** Letter grade.

**Same as:** PHIL 272, PWAD 272.

**POLI 275. Nationalism, Immigration and the Politics of Identity. 3 Credits.**

Examination of the theories of nationalism and immigration, followed by an analysis of the interplay between national identity, immigration, and populism. This course first explores these issues theoretically and then more concretely by examining these issues in England and Scotland. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**POLI 276. Major Issues in Political Theory. 3 Credits.**

An examination of major issues in political thought, including equality; obedience; violence and nonviolence; justice; forms of social, economic, and political life; liberty; and human nature and politics. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**POLI 280. American Political Thought. 3 Credits.**

A survey course in American political ideas from the 17th century to the present, with emphasis on the role of politics, society, and economy in American thought. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, NA, US.

**Grading Status:** Letter grade.

**POLI 281. Data in Politics I: An Introduction. 3 Credits.**

The Information Revolution has had a transformative effect on business, journalism, law, policy, and more. This course illustrates the breadth of ways in which data can help solve important social problems and increases students' comfort handling and analyzing data themselves. Students leave with a foundation for acquiring more advanced techniques.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** SS, QI.

**Grading Status:** Letter grade.

**POLI 285. Applied Experimental Research: Politics in the US and Europe. 3 Credits.**

The course familiarizes students with experimental research methods in political science, including laboratory experiments, field experiments, and survey experiments. Students will design and conduct an experimental research project on a research question about US or European politics.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, QI.

**Grading Status:** Letter grade.

**Same as:** EURO 285.

**POLI 287. Strategy and International Relations. 3 Credits.**

Introduction to the study of strategic decision making in international relations, with an emphasis on the application of basic game theoretic models. Incorporates in-class simulations of international relations scenarios.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT.

**Making Connections Gen Ed:** SS, GL, QI.

**Grading Status:** Letter grade.

**Same as:** PWAD 287.

**POLI 288. Strategy and Politics. 3 Credits.**

Offers an introduction to positive political theory, the application of rational choice analysis (or economic models) to the study of political phenomena. Topics include social choice theory, legislative voting, problems of cooperation and collective action, and public choice theory. Encourages students to think about politics from a critical vantage point.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT.

**Making Connections Gen Ed:** SS, QI.

**Grading Status:** Letter grade.

**POLI 290. Special Topics in Political Science. 3 Credits.**

A detailed examination of special topics in political science.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

**POLI 291. Undergraduate Learning Assistant Practicum. 1-3 Credits.**

This course is for students selected as Undergraduate Learning Assistants (ULAs) for political science courses during the semester they serve as ULAs. This course will provide support and structure to make them effective in their role, including training in pedagogy and University policies; ongoing mentorship and supervision; and opportunities for reflection, assessment, and evaluation. May not count toward the political science major. Permission of the instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE- Service Learning, EE - Undergraduate Learning Assistant, ULA.

**Repeat Rules:** May be repeated for credit. 9 total credits. 9 total completions.

**Grading Status:** Letter grade.


**POLI 325. Institute of Politics Fellows Seminar in Civic Leadership. 1.5 Credits.**

This course is facilitated by a Fellow from the UNC Institute of Politics, an experienced political practitioner who has held elected or appointed office. Over the course of the semester, students will engage in active and sustained dialogue with the Fellow and with one another on topics relevant to the Fellow's professional experience in public life. May not count toward the political science major.


**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 3 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

 **POLI 333. Race and Public Policy in the United States. 3 Credits.**  
Exploration of the relationship between race and public policy in the U.S. Primary focus on African Americans, but other racial groups also studied. Key areas include reproductive justice, health care, employment, labor, welfare, education, housing, environmental justice, policing, criminalization, foreign policy, immigration, and war.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER, RESEARCH.  
**Making Connections Gen Ed:** SS, US.  
**Grading Status:** Letter grade.  
**Same as:** AAAD 333.

**POLI 345. Buying Influence: Interest Groups and Public Policy. 3 Credits.**

Students will gain an understanding of the role interest groups play in American public policy and how that role has shifted over time. The course emphasizes the role of interest groups in four policy areas: civil rights, the environment, social policy, and campaign finance.


**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.  
**Grading Status:** Letter grade.  
**Same as:** PLCY 345.

 **POLI 350. Peace Science Research. 3 Credits.**

This Course-based Undergraduate Research Experience (CURE) introduces students to the practice of quantitative research on peace, conflict, and conflict resolution. Students work in teams to develop original research projects that answer policy-relevant questions in the field of peace science.

**Rules & Requirements**


 **IDEAs in Action Gen Ed:** RESEARCH.  
**Making Connections Gen Ed:** SS, EE- Mentored Research.  
**Requisites:** Prerequisite, POLI 150.  
**Grading Status:** Letter grade.

**POLI 381. Data in Politics II: Frontiers and Applications. 3 Credits.**

New approaches to data analysis are having a transformative effect on business, journalism, law, and policy - to name just a few sectors. This course is for students who have a basic familiarity working with social science data. It uses this foundation to teach more advanced ways to think about inference and uncertainty, with an emphasis on cutting-edge techniques and applications to real world problems.


**Rules & Requirements**


**Making Connections Gen Ed:** SS, QI.  
**Requisites:** Prerequisite, POLI 281.  
**Grading Status:** Letter grade.

 **POLI 384. Gateway to Philosophy, Politics, and Economics. 3 Credits.**


One course in economics strongly recommended. This interdisciplinary gateway course provides an introduction to subjects and quantitative techniques used to analyze problems in philosophy, political science, and economics. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.  
**Making Connections Gen Ed:** PH.  
**Grading Status:** Letter grade.  
**Same as:** PHIL 384, ECON 384.

 **POLI 395. Mentored Research in Political Science. 1-3 Credits.**  
Required preparation, six hours of POLI course credit. Permission of the instructor. Students carry out a research project under the direct supervision of a faculty mentor. Learning contract required. Open to political science majors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.  
**Making Connections Gen Ed:** EE- Mentored Research.  
**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.  
**Grading Status:** Letter grade.

**POLI 396. Directed Readings in Political Science. 1-3 Credits.**

Required preparation, six hours of POLI course credit. Permission of the instructor. Directed readings in a special field under the direction of a faculty member. Learning contract required. Open to political science majors.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.  
**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses**

**POLI 400. Executive Politics. 3 Credits.**

This course explores how presidents select policy options, how they decide timing, what shapes their congressional support, and how they build successful coalitions.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI.  
**Grading Status:** Letter grade.

**POLI 401. Political Economy I: The Domestic System. 3 Credits.**

Problems of the national government in managing capitalist development and economic growth; political constraints; patterns of conflict among domestic actors.


**Rules & Requirements**

**Making Connections Gen Ed:** SS.  
**Grading Status:** Letter grade.

 **POLI 404. Race, Immigration, and Urban Politics. 3 Credits.**

This course provides a survey of the literature on race, immigration, and urban politics in the contemporary United States. The goal is to understand the complex relationship between racial/ethnic identity and local political processes. Students explore topics such as police brutality, immigration, the education system, and coalition politics.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.  
**Making Connections Gen Ed:** SS, EE- Service Learning, US.  
**Requisites:** Prerequisite, POLI 100.  
**Grading Status:** Letter grade.

**POLI 405. Local Politics in the United States. 3 Credits.**

This course provides an overview of the politics of local governments in the United States. Topics covered include the economics and history of urban agglomerations, local governments' place in the American federal system, the role of race and immigration in how parties and coalitions govern, whether local governments are responsive to voters, and the role cities play in shaping housing, education, climate, and criminal justice policy.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER, RESEARCH.

**Grading Status:** Letter grade.

**POLI 406. State Governments: Laboratories of Democracy. 3 Credits.**

Advanced topics in state government and politics, including political behavior and processes, governmental institutions, public policies. Emphasis on how states serve as the laboratories of democracy in a federal system.

**Rules & Requirements**

**Requisites:** Prerequisite, POLI 100 or 101.

**Grading Status:** Letter grade.

**POLI 409. Mock Constitutional Convention. 3 Credits.**

Students employ their understanding of political philosophy and practical politics to write a new constitution for the United States. Emphasis is on creative blending of theory and practice.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 410. The Constitution of the United States. 3 Credits.**

A study of the fundamental principles of constitutional interpretation and practice in the United States by means of lectures, textbooks, and cases. Emphasis will be on the political context surrounding and the impact following Supreme Court decisions.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**POLI 411. Civil Liberties under the Constitution. 3 Credits.**

An analysis of the complex political problems created by the expansion of protection for individual liberties in the United States. Emphasis will be on contemporary problems with some supplemental historical background. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**POLI 412. United States National Elections. 3 Credits.**

Course studies United States presidential and congressional elections. Emphasis on individual vote, changing party strengths, and the relation of outcomes to policy. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**POLI 416. Constitutional Policies and the Judicial Process. 3 Credits.**

Analysis of the structure and functions of judicial systems emphasizing the organization, administration, and politics of judicial bureaucracies and roles of judges, juries, counsel, litigants, and interested groups in adjudication processes.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 416.

**POLI 417. Advanced Political Psychology. 3 Credits.**

Examines in greater depth issues in the field of political psychology, including conflict and conflict resolution, socialization, attitude formation, mass movements, leader-follower relationships, and psychobiography. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, CI, QI.

**Grading Status:** Letter grade.

**POLI 418. Mass Media and American Politics. 3 Credits.**

Junior-senior standing required. Examination of the role, behavior, and influence of the mass media in American politics.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**POLI 419. Race and Politics in the Contemporary United States. 3 Credits.**

Restricted to juniors and seniors. Surveys the vast literature on race and politics in the contemporary United States and examines the complex relationship between racial and ethnic identity and political outcomes. It explores broad political science concepts in the context of racial and ethnic groups. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**POLI 420. Legislative Politics. 3 Credits.**

Examines the politics of the United States Congress. Emphasis on representation, the legislative process, and policy making. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 421. Framing Public Policies. 3 Credits.**

This course will focus on the process by which policies get framed, or defined, in public discussions. Framing is focusing attention on some elements of a complex public problem rather than others. Readings combine psychological background with case histories of United States and comparative public policy changes over time.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, CI, EE- Mentored Research.

**Grading Status:** Letter grade.



**POLI 422. Minority Representation in the American States. 3 Credits.**

This class explores the political representation of blacks, Latina/os, women, and gays and lesbians in the American states. How do these groups achieve descriptive and substantive representation? How does state context shape the political representation of these minorities? Students taking this course should have a strong interest in state politics.

**Rules & Requirements****Making Connections Gen Ed:** SS, US.**Grading Status:** Letter grade. **POLI 424. Legislative Procedure in Congress. 3 Credits.**

Examines legislative procedure in Congress. Requires active participation in a Model Congress.

**Rules & Requirements** **IDEAs in Action Gen Ed:** RESEARCH.**Making Connections Gen Ed:** SS.**Grading Status:** Letter grade.**POLI 428. Sexuality, Race, and Gender: Identity and Political Representation. 3 Credits.**

Analyzing the impact of the descriptive representation of marginalized communities on public policy, legislation, and social change. Sexual orientation, identity, gender, ethnicity and race, and the intersectionality of these communities. We seek to understand the role that elected officials can have in driving change, affecting their colleagues and constituents.

**Rules & Requirements****Making Connections Gen Ed:** SS, US.**Grading Status:** Letter grade.**POLI 429. Diversity and Politics. 3 Credits.**

Diversity is sometimes cited as a facilitator of political cooperation but more often it is considered a challenge for constructive civic engagement. This course engages the various ways in which different forms of diversity (e.g., racial, ethnic, religious, linguistic, national origin) and politics interact across a wide range of societies.

**Rules & Requirements****Making Connections Gen Ed:** GL.**Requisites:** Prerequisite, POLI 130.**Grading Status:** Letter grade.**POLI 430. Analysis of National Security Policy. 3 Credits.**

Course explores contemporary threats to national security, approaches to national security strategy, policy instruments, the role of military force, and the policy-making process.

**Rules & Requirements****Making Connections Gen Ed:** SS, GL.**Grading Status:** Letter grade.**Same as:** PLCY 430, PWAD 430.**POLI 431. African Politics and Societies. 3 Credits.**

The problems of race, class, and ideology are explored in the countries south of the Zambezi River, along with the political and economic ties that bind these countries.

**Rules & Requirements****Making Connections Gen Ed:** SS, BN, GL.**Grading Status:** Letter grade.**POLI 432. Tolerance in Liberal States. 3 Credits.**

This course will compare the theory and practice of tolerance in the United States and Europe, with particular attention to Great Britain and France.

**Rules & Requirements****Making Connections Gen Ed:** PH, CI, NA.**Grading Status:** Letter grade.**POLI 433. Politics of the European Union. 3 Credits.**

Examines the politics and political economy of institutional change and policy making in the European Union in comparative perspective. Honors version available.

**Rules & Requirements****Making Connections Gen Ed:** SS, GL, NA.**Grading Status:** Letter grade.**Same as:** EURO 433.**POLI 434. Politics of Mexico. 3 Credits.**

This course provides a survey of 20th-century politics in Mexico, including the construction of the single-party regime under the PRI and the political and economic changes in the second half of the century that marked the end of the one-party regime and inaugurated a new era of political competition.

**Rules & Requirements****Making Connections Gen Ed:** SS, BN.**Grading Status:** Letter grade. **POLI 435. Democracy and Development in Latin America. 3 Credits.**

The analysis of central issues of democracy and development in Latin America. Honors version available.


**Rules & Requirements** **IDEAs in Action Gen Ed:** RESEARCH.**Making Connections Gen Ed:** SS, BN, GL.**Grading Status:** Letter grade. **POLI 438. Democracy and International Institutions in an Undivided Europe. 3 Credits.**

Explores the collapse of communist rule in 1989 and the reaction of international institutions to the challenges of democratization, economic transition, ethnic conflict, and European integration in an undivided Europe.

**Rules & Requirements** **IDEAs in Action Gen Ed:** RESEARCH.**Making Connections Gen Ed:** SS, NA.**Grading Status:** Letter grade.**Same as:** EURO 438. **POLI 439. Analyzing European Public Opinion. 3 Credits.**

The course introduces students to the theory and practice of studying European public opinion. The course is split into four parts. In the first part, we will discuss core concepts and important problems in the study of public opinion. In the second part, we will study tools and common data sets for the analysis of European public opinion. In the third part, we will examine several recent contributions on different aspects of European public opinion.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-QUANT.**Grading Status:** Letter grade.

 **POLI 440. How to Stay in Power When the People Want You Dead: The Politics of Authoritarian Survival. 3 Credits.**

Dictators do not rely on consent of the people to stay in power. But they do still face constraints and must perform a delicate balancing act to maintain enough support to stay in office and reap its rewards. This class seeks to understand when autocrats are successful and when they fail.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**POLI 441. Israeli Politics and Society. 3 Credits.**

This course will explore Israeli society, Israeli politics, and the Arab-Israeli conflict.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

 **POLI 442. International Political Economy. 3 Credits.**

Theories of international political economy, major trends in international economic relations, selected contemporary policy issues.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Requisites:** Prerequisites, ECON 101 and POLI 150.

**Grading Status:** Letter grade.

**Same as:** EURO 442.

**POLI 443. American Foreign Policy: Formulation and Conduct. 3 Credits.**

The role of Congress, the press, public opinion, the president, the secretary and the Department of State, the military, and the intelligence community in making American foreign policy. Emphasizes the impact of the bureaucratic process on the content of foreign policy.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, POLI 150; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** PWAD 443.

 **POLI 444. Terrorism and International Peace. 3 Credits.**

The U.S. 9/11 attack represents the defining terrorist attack to Americans, but in most of the world, terrorism has long been part of politics. We will examine what motivates individuals to consider violence, how individuals organize to protect their political interests, the types of tactics used by violent groups and the state's response, before concluding with a study of collapsed states, the international implications of political violence, and possibilities for conflict resolution.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 444.

**POLI 447. Immigrant Integration in Contemporary Western Europe. 3 Credits.**

Immigrant integration has been one of the most intense political issues in Western Europe in recent decades. The extent to which these immigrants have successfully integrated is a hot topic of debate across Europe, and there is no consensus about the best way to promote integration. This course explores these debates. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI, NA.

**Grading Status:** Letter grade.

**POLI 448. The Politics of Multilevel Governance. 3 Credits.**

Political authority is changing around the world. Decision making has shifted down to state and local governments, such as Catalonia and Scotland, and up to international organizations such as the European Union and the World Health Organization. What does this mean for the future of the national state?

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**POLI 449. Beg, Borrow, or Steal: How Governments Get Money and Its Effects on Accountability. 3 Credits.**

This course explores the politics behind taxation, foreign aid, natural resources, and debt, focusing on how each affects accountability and state capacity. Topics include when governments tax; whether taxation causes democratization; the effects of foreign aid and oil money on corruption and conflict; and how government debt shapes domestic politics.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**POLI 450. Contemporary Inter-American Relations. 3 Credits.**

A comprehensive analysis of hemispheric international relations and foreign policies of individual Latin American nations. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**POLI 451. Race, Ethnicity, and Political Change in Comparative Perspective. 3 Credits.**

The course examines the interplay of race, ethnicity, political institutions, and political mobilization in modern state and nation-building. Through the use of broadly drawn international case studies, the politics of ethnicity and race is analyzed from the perspective of global processes of state building, colonialism and decolonization, and capitalist development as well from local development of ideology and political organizations.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**POLI 452. Africa and International Conflict. 3 Credits.**

The purpose of this course is to examine Africa's conflicts using an historical examination and advances in international relations theory. We will examine European colonial intervention, the wars of independence, the Cold War, and the use of proxies, insurgencies, the African World War, the Sudanese War, and the "war of terrorism."

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 452.

**POLI 453. When Countries Go Broke: Political Responses to Financial Crises. 3 Credits.**

What happens when countries go broke? This course considers the complex historical relation between revenue generation and the development of the nation-state, and details a variety of major crises facing governments today, including the political determinants of and responses to major recent financial crises.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**POLI 457. International Conflict Processes. 3 Credits.**

Analysis of international conflict and the causal mechanisms that drive or prevent conflict. Emphasis is on the conditions and processes of conflict and cooperation between nations.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 457.

**POLI 458. International Conflict Management and Resolution. 3 Credits.**

Examines the management and resolution of international and civil wars. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, POLI 150.

**Grading Status:** Letter grade.

**Same as:** PWAD 458.

**POLI 459. Trans-Atlantic Security. 3 Credits.**

The course explores the development of Euro-Atlantic security institutions (NATO, EU) and compares security policy in the United States and Europe. Cases include policy toward the Balkans, Afghanistan, Russia, and Ukraine. Includes review of concepts of security and selected international relations approaches to international organizations. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 459.

**POLI 469. Conflict and Intervention in the Former Yugoslavia. 3 Credits.**

Focuses on ethnic and political conflicts in the former Yugoslavia and efforts by the international community to end conflict and promote peace and reconstruction. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 469.

**POLI 470. Social and Political Philosophy. 3 Credits.**

An examination of the logic of social and political thought with an analysis of such concepts as society, state, power, authority, freedom, social and political obligation, law, rights. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**POLI 471. Contemporary Political Thought. 3 Credits.**

Survey of the historical foundations, central tenets, and political consequences of prominent 20th-century political theories. Topics include contemporary liberalism and Marxism, fascism, theories of development, populism, feminism. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**POLI 472. Problems of Modern Democratic Theory. 3 Credits.**

Major problem areas in democratic theory including definitions, presuppositions, and justifications of democracy, liberty, equality, minority rights, public interest, participation, dissent, and civil disobedience. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**POLI 473. Politics and Literature. 3 Credits.**

Identifies and interprets political ideas using historical and contemporary literary sources. Examines literature as political practice.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**POLI 475. Environmental Political Theory. 3 Credits.**

This course brings the tools and techniques of political theory to bear on contemporary environmental challenges. Students will examine different conceptions of nature and of human-nature relations, investigate arguments about the moral and political status of nonhuman others, think about the role of individual responsibility in addressing climate change, and grapple with issues of inequality, environmental justice, and power.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**POLI 476. The Political Theory of the American Founding. 3 Credits.**  
A role-immersive simulation of the Constitutional Convention of 1787. Students employ their knowledge of the political theory and science of the founding period to become the Convention of 1787 and write a constitution.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, CI, NA.

**Grading Status:** Letter grade.

**POLI 477. Advanced Feminist Political Theory. 3 Credits.**

Examines in greater depth and complexity current issues in feminist political theory. Topics: theories of subjectivity and solidarity, feminist poststructuralist and post-Marxist thinking, gender in the public sphere.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, CI, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 477.

**POLI 478. The Politics, Philosophy, and Economics of Education. 3 Credits.**

The course explores the politics, philosophy, and economics of US education. We will cover topics such as the goals of education; education politics at the local, state, and federal levels; school finance; accountability; markets in education; the role of philanthropy; and student debt.

**Rules & Requirements**

**Grading Status:** Letter grade.

**POLI 488. Game Theory. 3 Credits.**

Increasingly, political and social scientists are using game theory to analyze strategic interactions across different settings. This course aims to give students a deep technical understanding of the most relevant concepts of game theory and how these concepts have been applied to the study of political and economic phenomena.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, QI.

**Requisites:** Prerequisite, POLI 287 or 288.

**Grading Status:** Letter grade.

**POLI 490. Advanced Special Topics in Political Science. 3 Credits.**

A detailed examination of advanced special topics in political science. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**POLI 630. Political Contestation in Europe. 3 Credits.**

Examines recent developments in the European integration process by exploring the potential for political contestation concerning European Union matters in national politics. Familiarizes students with the main theoretical approaches and the extensive empirical work dealing with the effects of European integration.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 631. European Security: The Enlarging European Union and the Trans-Atlantic Relationship. 3 Credits.**

Permission of the instructor for undergraduates. Since the collapse of communism from 1989 to 1991, the European Union has faced a fundamentally different geopolitical neighborhood and an evolving relationship with the United States. We will explore how Europe has addressed new challenges to its security in its neighborhood and beyond.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**POLI 632. The European Union as a Global Actor. 3 Credits.**

Permission of the instructor for undergraduates. This seminar introduces students to basic theoretical approaches to both international relations and the European Union by focusing on the European Union's external relations and foreign policies.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **POLI 691H. Honors Seminar in Research Design. 3 Credits.**

Required of all students in the honors program in political science.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **POLI 692H. Honors Thesis Research. 3 Credits.**

Required of all students in the honors program in political science.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

 **POLI 693H. Honors Thesis Research. 3 Credits.**


Required of all students in the honors program in political science.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **POLI 698. Philosophy, Politics, and Economics: Capstone Course. 3 Credits.**

Permission of the department. This capstone course advances PHIL 384, focusing on such theoretical and philosophical issues as the analysis of rights or distributive justice and the institutional implications of moral forms.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Requisites:** Prerequisite, PHIL 384.

**Grading Status:** Letter grade.

**Same as:** PHIL 698, ECON 698.

## Contact Information

**Department of Political Science**

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## Political Science Major, B.A.

Are you interested in politics in the U.S. and globally? Questions concerning how we ought to govern ourselves? Critical issues such as health, the environment, migration, and civil rights? Theories about how power and resources are allocated in society? Do you want to study these subjects and pursue a career based on your interests? If so, you should consider studying political science.

As Harold Laswell famously noted, politics is “who gets what, when, and how.” Political science focuses on the study of politics in the United States and around the world. As a political science major, you will take a broad range of courses across five subfields: American politics, comparative politics, international relations, political theory, and political methodology. The flexible major requirements also allow you to focus your coursework on the areas of political science that draw your interest.

Political science majors gain a versatile set of analytical and organizational skills that can be applied in a wide range of exciting careers in government, law, business, international organizations, nonprofit organizations, survey research, journalism, and teaching.

### Student Learning Outcomes

Upon completion of the political science program, students should be able to:

- Demonstrate a command of at least one of the following areas of substantive knowledge:
  - Themes and concepts that have shaped the Western political tradition, as well as core contemporary political theoretical issues
  - Principles and processes of American political institutions, political behavior, and civic culture
  - Principles and processes of political institutions, political behavior, and civic culture in societies other than the United States
  - Fundamental structures and forces that shape relations between states











- Demonstrate competence in the identification, use, and development of theoretical explanations appropriate for the study of their respective areas of substantive focus. These skills may include:
  - Evaluating competing theories of political explanation
  - Reconstructing the logic of political theories
  - Constructing theoretical models intended to address specific questions in political analysis
- Demonstrate a working understanding of the methods appropriate for developing rigorous description and explanation of political phenomena. These may include one or more of the following, depending on the student’s area of substantive interest:
  - Principles of textual interpretation and critical evaluation
  - Identification, collection, and organization of empirical data
  - Use of qualitative, quantitative, and other analytical techniques for analyzing data



















## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Nine courses, including the following courses and including at least one 400-level political science (POLI) course:		
POLI 100	 American Democracy in Changing Times <sup>H, F</sup>	3
POLI 150	 International Relations and Global Politics <sup>H, F</sup>	3
One course in comparative politics chosen from:		3
POLI 130	 Introduction to Comparative Politics <sup>H, F</sup>	
POLI 232	Politics of the United Kingdom <sup>H</sup>	
POLI 233	 Comparative Politics of the Middle East <sup>H</sup>	
POLI 234	Comparative Politics of the Global South	
POLI 235	 The Politics of Russia and Eurasia <sup>H</sup>	
POLI 236	Politics of East-Central Europe <sup>H</sup>	
POLI 237	 The Politics of China	
POLI 238	 Politics of the Global South: Latin America <sup>H</sup>	
POLI 239	 Introduction to European Government <sup>H</sup>	
POLI 241	 Comparative Political Behavior <sup>H</sup>	
One course in political theory chosen from:		3
POLI 265	 Feminism and Political Theory	
POLI 270	 Classical Political Thought <sup>H</sup>	
POLI 271	 Modern Political Thought <sup>H</sup>	
POLI 272	 The Ethics of Peace, War, and Defense	

POLI 275	 Nationalism, Immigration and the Politics of Identity <sup>H</sup>	
POLI 276	 Major Issues in Political Theory <sup>H</sup>	
POLI 280	 American Political Thought <sup>H</sup>	
POLI 470	Social and Political Philosophy <sup>H</sup>	
POLI 471	Contemporary Political Thought <sup>H</sup>	
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	
POLI 476	The Political Theory of the American Founding	
POLI 478	The Politics, Philosophy, and Economics of Education	
One course in research methods chosen from: <sup>1</sup>		3
POLI 209	Analyzing Public Opinion <sup>H</sup>	
POLI 281	 Data in Politics I: An Introduction	
POLI 285	Applied Experimental Research: Politics in the US and Europe	
POLI 287	 Strategy and International Relations	
POLI 288	 Strategy and Politics	
POLI 381	Data in Politics II: Frontiers and Applications	
POLI 417	 Advanced Political Psychology <sup>H</sup>	
POLI 488	Game Theory	
POLI 691H	 Honors Seminar in Research Design	
ECON 400	 Introduction to Data Science and Econometrics <sup>H</sup>	
GEOG 391	Quantitative Methods in Geography	
GEOG 392	 Research Methods in Geography	
PHIL 140	 Knowledge and Society <sup>H</sup>	
PHIL 154	 Philosophy of the Social Sciences	
PHIL 335	 Theory of Knowledge	
PHIL 357	 Induction, Probability, and Confirmation	
PLCY 460	 Quantitative Analysis for Public Policy <sup>H</sup>	
PSYC 270	 Research Methods in Psychology	
SOCI 251	 Research Methods	
SOCI 252	 Data Analysis	
Four political science (POLI) electives at the 100 level or above <sup>2,3</sup>		12
<b>Total Hours</b>		<b>27</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.









<sup>1</sup> Whenever possible, students are encouraged to take a research methods course in political science. However, students with a second major in a related discipline may find it beneficial to fulfill this requirement with one of the alternative courses.

<sup>2</sup> First-year seminars, POLI 193, and POLI 291 may not count as electives for the political science major.

<sup>3</sup> Whenever possible, students should take an introductory course in a subfield (American politics, comparative politics, international relations, political theory) before taking more advanced courses in the subfield.

## Data in Politics






The Data in Politics track provides political science majors an opportunity to develop valuable data analysis skills and engage in cutting-edge political science research. As part of this track, students can take a two-course core sequence and additional applied data analysis courses. The Data in Politics core sequence teaches students how to work with and analyze social science data. Applied data analysis courses build on this foundation by providing students opportunities to actively use data skills as part of a research paper or other class project.









Code	Title	Hours
<b>Data in Politics Core Sequence</b>		
POLI 281	 Data in Politics I: An Introduction	3
POLI 381	Data in Politics II: Frontiers and Applications	3
<b>Applied Data Analysis Courses</b>		
POLI 209	 Analyzing Public Opinion <sup>H</sup>	3
POLI 350	 Peace Science Research	3
POLI 395	 Mentored Research in Political Science	1-3
POLI 416	Constitutional Policies and the Judicial Process	3
POLI 417	 Advanced Political Psychology <sup>H</sup>	3
POLI 429	Diversity and Politics	3
POLI 447	Immigrant Integration in Contemporary Western Europe <sup>H</sup>	3
POLI 453	 When Countries Go Broke: Political Responses to Financial Crises	3
POLI 692H	 Honors Thesis Research	3
POLI 693H	 Honors Thesis Research	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## American Politics

American politics courses examine political behavior and institutions in the United States at the federal, state, and local levels. These courses explore topics such as campaigns and elections, public opinion, Congress, the presidency, the judicial system, and state politics.

Code	Title	Hours
<b>Introductory Course</b>		
POLI 100	 American Democracy in Changing Times <sup>H, F</sup>	3
<b>Specialized Courses</b>		
POLI 200	 The President, Congress, and Public Policy	3
POLI 201	 Politics of Bureaucracy <sup>H</sup>	3
POLI 202	The United States Supreme Court	3
POLI 203	 Race, Innocence, and the Decline of the Death Penalty	4
POLI 204	 Introduction to Southern Politics	3

POLI 205	 Politics in the U.S. States <sup>H</sup>	3
POLI 206	 Race and the Right to Vote in the United States	3
POLI 207	The Politics of Organized Interests	3
POLI 208	 Political Parties and Elections <sup>H</sup>	3
POLI 209	 Analyzing Public Opinion <sup>H</sup>	3
POLI 211	Religion and Politics	3
POLI 215	 Political Psychology: An Introduction	3
POLI 217	 Women and Politics	3
POLI 220	 Race, Ethnicity, and Electoral Representation in the United States	3
POLI 240	 African American Politics	3
POLI 248	 Intersectionality: Race, Gender, Sexuality, and Social Justice	3
POLI 333	 Race and Public Policy in the United States	3
POLI 345	Buying Influence: Interest Groups and Public Policy	3
<b>Advanced Courses</b>		
POLI 400	Executive Politics	3
POLI 401	Political Economy I: The Domestic System	3
POLI 404	 Race, Immigration, and Urban Politics	3
POLI 406	State Governments: Laboratories of Democracy	3
POLI 409	Mock Constitutional Convention	3
POLI 410	The Constitution of the United States	3
POLI 411	Civil Liberties under the Constitution <sup>H</sup>	3
POLI 412	United States National Elections <sup>H</sup>	3
POLI 416	Constitutional Policies and the Judicial Process	3
POLI 417	 Advanced Political Psychology <sup>H</sup>	3
POLI 418	Mass Media and American Politics	3
POLI 419	Race and Politics in the Contemporary United States <sup>H</sup>	3
POLI 420	Legislative Politics <sup>H</sup>	3
POLI 421	 Framing Public Policies	3
POLI 422	Minority Representation in the American States	3
POLI 424	 Legislative Procedure in Congress	3
POLI 428	Sexuality, Race, and Gender: Identity and Political Representation	3





















<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Global Politics

Global politics courses explore politics beyond the United States through the study of comparative politics and international relations. Comparative politics courses examine domestic political institutions and processes in

countries around the world, while international relations courses explore political and economic relations in the international system.

Code	Title	Hours
<b>Introductory Courses</b>		
POLI 130	 Introduction to Comparative Politics <sup>H, F</sup>	3
POLI 150	 International Relations and Global Politics <sup>H, F</sup>	3
<b>Specialized Courses</b>		
POLI 210	 Global Issues and Globalization	3
POLI 231	Latin America and the United States in World Politics	3
POLI 232	 Politics of the United Kingdom <sup>H</sup>	3
POLI 233	 Comparative Politics of the Middle East <sup>H</sup>	3
POLI 234	Comparative Politics of the Global South	3
POLI 235	 The Politics of Russia and Eurasia <sup>H</sup>	3
POLI 236	Politics of East-Central Europe <sup>H</sup>	3
POLI 237	 The Politics of China	3
POLI 238	 Politics of the Global South: Latin America <sup>H</sup>	3
POLI 239	 Introduction to European Government <sup>H</sup>	3
POLI 241	 Comparative Political Behavior <sup>H</sup>	3
POLI 252	International Organizations and Global Issues <sup>H</sup>	3
POLI 253	Problems in World Order	3
POLI 254	International Environmental Politics	3
POLI 255	 International Migration and Citizenship Today <sup>H</sup>	3
POLI 256	 The Politics of the First Era (1880-1914) of Globalization	3
POLI 257	 Politics, Society, and Culture in Postwar Germany	3
POLI 260	 Crisis and Change in Russia and Eastern Europe	3
POLI 350	 Peace Science Research	3
<b>Advanced Courses</b>		
POLI 428	Sexuality, Race, and Gender: Identity and Political Representation	3
POLI 429	Diversity and Politics	3
POLI 430	Analysis of National Security Policy	3
POLI 431	African Politics and Societies	3
POLI 432	Tolerance in Liberal States	3
POLI 433	Politics of the European Union <sup>H</sup>	3
POLI 434	Politics of Mexico	3
POLI 435	 Democracy and Development in Latin America <sup>H</sup>	3
POLI 438	 Democracy and International Institutions in an Undivided Europe	3
POLI 440	 How to Stay in Power When the People Want You Dead: The Politics of Authoritarian Survival	3
POLI 441	Israeli Politics and Society	3
POLI 442	 International Political Economy	3
POLI 443	American Foreign Policy: Formulation and Conduct	3
POLI 444	 Terrorism and International Peace	3








POLI 447	Immigrant Integration in Contemporary Western Europe <sup>H</sup>	3
POLI 448	The Politics of Multilevel Governance	3
POLI 449	Beg, Borrow, or Steal: How Governments Get Money and Its Effects on Accountability	3
POLI 450	Contemporary Inter-American Relations <sup>H</sup>	3
POLI 451	Race, Ethnicity, and Political Change in Comparative Perspective	3
POLI 452	 Africa and International Conflict	3
POLI 453	 When Countries Go Broke: Political Responses to Financial Crises	3
POLI 457	International Conflict Processes	3
POLI 458	 International Conflict Management and Resolution <sup>H</sup>	3
POLI 459	Trans-Atlantic Security <sup>H</sup>	3
POLI 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
POLI 630	Political Contestation in Europe	3
POLI 631	European Security: The Enlarging European Union and the Trans-Atlantic Relationship	3
POLI 632	The European Union as a Global Actor	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Political Theory

Political theory courses examine political ideas and values like justice, power, and democracy that we use to describe, understand, and assess political practices and institutions. These courses analyze the writings and ideas of political thinkers in the classical and modern worlds.

Code	Title	Hours
<b>Introductory Courses</b>		
POLI 270	 Classical Political Thought <sup>H</sup>	3
POLI 271	 Modern Political Thought <sup>H</sup>	3
<b>Specialized Courses</b>		
POLI 265	 Feminism and Political Theory	3
POLI 272	 The Ethics of Peace, War, and Defense	3
POLI 275	 Nationalism, Immigration and the Politics of Identity <sup>H</sup>	3
POLI 276	 Major Issues in Political Theory <sup>H</sup>	3
POLI 280	 American Political Thought <sup>H</sup>	3
<b>Advanced Courses</b>		
POLI 470	Social and Political Philosophy <sup>H</sup>	3
POLI 471	Contemporary Political Thought <sup>H</sup>	3
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3
POLI 476	The Political Theory of the American Founding	3

POLI 477	Advanced Feminist Political Theory	3
POLI 478	The Politics, Philosophy, and Economics of Education	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Research Methods




Courses in political methodology examine the methods that political scientists use to conduct research. Empirical methods courses teach students how to collect and analyze data and evidence to understand political phenomena, while formal theory courses introduce students to the use of mathematical models to analyze political decision making.

Code	Title	Hours
<b>Empirical Methods Courses</b>		
POLI 209	 Analyzing Public Opinion <sup>H</sup>	3
POLI 281	 Data in Politics I: An Introduction	3
POLI 285	Applied Experimental Research: Politics in the US and Europe	3
POLI 381	Data in Politics II: Frontiers and Applications	3
POLI 417	 Advanced Political Psychology <sup>H</sup>	3
POLI 691H	 Honors Seminar in Research Design	3
<b>Formal Theory Courses</b>		
POLI 287	 Strategy and International Relations	3
POLI 288	 Strategy and Politics	3
POLI 488	Game Theory	3



<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

First Year	Hours
<b>First-Year Foundations Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
Additional General Education and elective courses	13
<b>Major Courses</b>	



POLI 100	 American Democracy in Changing Times <sup>H, F</sup>	3
POLI 150	 International Relations and Global Politics <sup>H, F</sup>	3
<b>Hours</b>		<b>30</b>
<b>Sophomore Year</b>		
POLI —	Comparative politics course	3
POLI —	Political theory course	3
	Research methods course	3
	Additional General Education and elective courses	21
<b>Hours</b>		<b>30</b>
<b>Junior Year</b>		
	Two POLI elective courses <sup>1</sup>	6
	Additional General Education and elective courses	24
<b>Hours</b>		<b>30</b>
<b>Senior Year</b>		
	Two POLI elective courses <sup>1</sup>	6
	Additional General Education and elective courses	24
<b>Hours</b>		<b>30</b>
<b>Total Hours</b>		<b>120</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> At least one political science course must be at the 400 level.

## Special Opportunities in Political Science

### Political Science Major, NUS Joint Degree

Political science majors may wish to consider applying for the Joint Degree Program, an innovative joint undergraduate degree program joining the University of North Carolina at Chapel Hill and the National University of Singapore. UNC–Chapel Hill undergraduates spend anywhere from two to four semesters at the National University of Singapore and receive a joint bachelor of arts degree from both institutions. For further information, contact the Study Abroad Office.

### Honors in Political Science

The honors program provides political science majors the opportunity to pursue an independent research project over a two-semester period. Students begin the program by taking POLI 691H in the spring semester of their junior year. During this course they complete a thesis proposal.

If the proposal is acceptable, students continue their thesis research in the senior year under the supervision of the honors director and a faculty advisor in POLI 692H and POLI 693H. A maximum of two honors thesis courses can count as elective credit in the major. Upon successful completion of the program, which includes an oral defense of the thesis, students are awarded a degree with honors or with highest honors in political science.

To be admitted to the honors program, students must have at least a 3.3 overall grade point average and a 3.5 in political science courses.

They should have completed at least four courses in the major. Students interested in participating in the honors program should apply by October 15 of their junior year. For further information on the honors program, please consult the department's website (<http://politicalscience.unc.edu/undergraduate/honors-program/>).

### High-Impact/Experiential Education

Internship courses provide students with the opportunity to earn academic credit while obtaining practical work experience in agencies and organizations clearly related to the study of political science. Political science majors who would like to obtain credit for internship work in government or public service must enroll in POLI 193. While this course satisfies the experiential education General Education requirement, POLI 193 is offered on a Pass/Fail basis only and does not count towards the nine courses required for the major. For specific information about the procedures and requirements for POLI 193, please consult the department's website (<http://politicalscience.unc.edu/undergraduate/internships/>).

### Study Abroad

Because we live in an increasingly globalized society, students are encouraged to study abroad as they are able. Students interested in the fields of comparative politics and international relations are strongly urged to participate in a study abroad program; indeed, all students may find the experience to be transformational and helpful in choosing a career path. Students are advised to work with the Study Abroad Office and to contact the undergraduate advisor when planning their study abroad experience. For information about applying study abroad credit toward the political science major, please consult the department's website (<http://politicalscience.unc.edu/undergraduate-programs/current-students/study-abroad/>).

### Undergraduate Research

Courses in political science often include a research component, and students may engage in directed research under the supervision of a faculty advisor. The honors program provides political science majors the opportunity to pursue an independent research project over a two-semester period, culminating in a senior thesis. See the section above for more information on the honors program.

POLI 395 Mentored Research in Political Science provides an opportunity for students to pursue a special research interest under the direction of a faculty member of the Department of Political Science. The research and writing entailed in a mentored research course must be equivalent to the workload of a regular course. For specific information about the procedures and requirements for POLI 395, please consult the department's website (<http://politicalscience.unc.edu/undergraduate/independent-study/>).

### Undergraduate Awards

Pi Sigma Alpha is the national political science honorary society. Membership is restricted to those political science majors who have completed 15 hours of political science with an overall grade average of 3.3 or better and a political science grade average of 3.5 or better.

The Thad L. Beyle Research Award is given to undergraduate political science majors, with priority given to students writing a senior honors thesis.

The William Scott Bryant Award funds research and travel for undergraduate majors in the Department of Political Science, with priority given to seniors.

The D'Amico Endowment Fund for Honors Students funds academic research and activities for honors students in the Department of Political Science.

The Shepard Jones Undergraduate Award in International Relations is given to an undergraduate student for the best essay in international relations (any field and broadly defined).

The L. Richardson Preyer Award for Excellence in Political Science is given to a senior judged by a committee of the faculty to have the most distinguished record of scholarship in political science and service to the community.

The Terry Sanford Award for Excellence is given to the undergraduate student judged to have written the best political science honors thesis.

## Contact Information

### Department of Political Science

Visit Program Website (<http://politicalscience.unc.edu>)  
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# Department of Psychology and Neuroscience

## Introduction

In the undergraduate study of psychology, the emphasis is on a broad acquaintance with the behavioral sciences, not specialization. The subject matter is preparatory to a career in psychology either in basic research and teaching, or in any number of professional applications to various human problems. A psychology major may prove valuable to those planning other professional careers such as medicine, law, education, or business, as well as to those who seek a broad cultural background in the behavioral sciences.

The undergraduate study of neuroscience embodies the liberal arts experience as it draws on techniques and findings from several academic disciplines including biology, chemistry, computer science, mathematics, physics, and psychology. The neuroscience major provides students with the fundamental knowledge and exposure needed to pursue careers and post-graduate studies in fields related to neuroscience, human development and aging, health and disease, rehabilitation, biomedical research, human-machine interactions, and other emerging disciplines.

Follow us on Twitter (@uncCHpsych) and Facebook (<http://facebook.com/uncCHpsychology/>).

## Advising

All psychology and neuroscience majors have a primary university academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their university academic advisor and review their Tar Heel Tracker each semester. It is also strongly advised that students prioritize enrolling in one or more core major requirements every semester. Department advisors are also available and students can see who department academic advisors are, how to contact and/or make appointments with them, and see what types of advising are offered here (<https://psychology.unc.edu/academic-advising/>). Especially note that there are different departmental advisors for psychology and neuroscience majors. Students who are considering graduate studies in psychology or neuroscience are particularly encouraged to contact departmental advisors. Students interested in medical and/or health careers are strongly encouraged to connect with Pre-professional and Pre-graduate Advising (<https://careers.unc.edu/students/pre-professional-pre-graduate-advising/>) and Health Professions Advising (<https://hpa.unc.edu/explore/explore-health-careers/medicine/>). Particularly note that medical and/or health professional schools may recommend, though not require, psychology courses. Additional information about courses, undergraduate research opportunities, the honors program, and various clubs and organizations may be obtained from the department's website (<https://psychology.unc.edu/>). (Please see all options under the "Undergraduate Studies" tab.)

## Graduate School and Career Opportunities

The psychology B.A. and B.S. degree programs, and the neuroscience B.S. degree program, prepare students for entry into graduate programs in psychology, neuroscience, and a large number of related areas. All degrees, augmented by courses dictated by various graduate and professional schools, also provide training that has proved beneficial for those applying to business, law, and medical schools.

Undergraduate psychology and neuroscience majors seek and find employment in a wide range of occupations, and many continue their education and training in graduate school. Students should understand that many of the occupations traditionally associated with psychology (e.g., clinical psychologist) are licensed specialties that require graduate training.

### Majors

- Neuroscience Major, B.S. (p. 839)
- Psychology Major, B.A. (p. 845)
- Psychology Major, B.S. (p. 850)

### Minors

- Cognitive Science Minor (p. 856)
- Neuroscience Minor (p. 856)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

## Professors

Jonathan S. Abramowitz, Sara B. Algoe, Jennifer Arnold, Anna Bardone-Cone, Donald H. Baucom, Daniel J. Bauer, Charlotte A. Boettiger, Kenneth A. Bollen, Regina M. Carelli, Shauna Cooper, Patrick Curran, Stacey B. Daughters, Barbara L. Fredrickson, Karen M. Gil, Kelly Giovanello, Peter C. Gordon, Kurt J. Gray, Joseph Hopfinger, Andrea M. Hussong, Deborah J. Jones, Kristen Lindquist, Donald T. Lysle, Neil Mulligan, Abigail T. Panter, B. Keith Payne, Mitchell J. Prinstein, Paschal J. Sheeran, Eva Telzer, Todd Thiele, Eric A. Youngstrom.

## Associate Professors

Carol L. Cheatham, Jessica Cohen, Sylvia Fitting, Kathleen M. Gates, Michael Hallquist, Keely Muscatell, Kathryn J. Reissner, Margaret A. Sheridan.

## Assistant Professors

Dan Christoffel, Oscar Gonzalez, Annie Maheux, Julian Rucker, Dalal Safa.

## Clinical Professors

Jennifer Kirby, Jennifer K. Youngstrom.

## Research Professor

Montserrat N. Thiele.

## Research Assistant Professor

Kaitlyn Burnell.

## Professor of the Practice

Viji Sathy.

## Teaching Professors

Jeannie Loeb, F. Charles Wiss.

## Teaching Associate Professors

Steven Buzinski, Vicki Chanon, Desiree Griffin, Patrick Harrison, Rachel Penton, Sabrina Robertson.


## Teaching Assistant Professors

Marsha Dopheide, Sara Estle, Monica Gaudier-Diaz, Rosa Li, Shveta Parekh, Natasha Parikh.

## Courses

### NSCI-Neuroscience

#### Undergraduate-level Courses

 **NSCI 61. First-Year Seminar: Drug Addiction: Fact and Fiction. 3 Credits.**

The course will tackle questions through classroom discussions, lectures, movies, writing assignments, and a visit to a research laboratory and a treatment facility. Students will be introduced to fundamental concepts in addiction research. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL, CI.

**Grading Status:** Letter grade.

 **NSCI 71. First Year Seminar: Plasticity and the Brain. 3 Credits.**

This course will introduce students to the recent research and debate regarding neural plasticity and the ability of the healthy adult brain to change. Exciting new research suggests that the ability of the adult brain to change goes well beyond simply acquiring new knowledge and memories. Previously offered as PSYC 71.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

 **NSCI 89. First Year Seminar: Special Topics. 3 Credits.**

Content varies by semester. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **NSCI 175. Introduction to Neuroscience. 3 Credits.**

Provides an introduction to the structure and function of the nervous system. Fundamental principles will be introduced including nervous system anatomy; molecular and cellular properties of the nervous system; sensory and motor systems; current methods used in neuroscience; and how the nervous system produces behavior and cognition. This course provides greater breadth and depth of neuroscience topics, as compared to Biopsychology (PSYC 220). Previously offered as PSYC 175 and 315.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

**NSCI 190. Special Topics in Neuroscience. 3 Credits.**

An undergraduate seminar course that is designed to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline of neuroscience. This course does not count as credit toward the neuroscience major or minor.

#### Rules & Requirements

**Grading Status:** Letter grade.

**NSCI 221. Neuropsychopharmacology. 3 Credits.**

This course provides an introduction to the scientific study of psychopharmacology, with emphasis on drugs of abuse and psychotherapeutic drugs. Previously offered as NSCI/PSYC 320.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, NSCI 175, or both PSYC 101 and PSYC 220.

**Grading Status:** Letter grade.

**NSCI 222. Learning. 3 Credits.**

Topics in Pavlovian and operant (instrumental) conditioning, learning theory, higher order cognitive learning, and application of those principles to mental-health related situations. Previously offered as PSYC 222. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, NSCI 175 or PSYC 101.

**Grading Status:** Letter grade.

**NSCI 225. Sensation and Perception. 3 Credits.**

Topics in vision, audition, and the lower senses. Receptor mechanisms, psychophysical methods, and selected perceptual phenomena will be discussed. Previously offered as PSYC 225. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, NSCI 175 or PSYC 101.

**Grading Status:** Letter grade.

**NSCI 274. Neurophysiology Data Science Lab. 3 Credits.**

In this research-based course, students will design novel experiments to examine sex differences in large neurophysiology datasets. Students will use Python to access and analyze data. Students will also learn research literature analysis, experimental design, data analysis, collaboration, and presentation skills by developing a research proposal, paper, and poster. Students may only receive credit for one of: NSCI 274, 276, 277, 278 and 279. Restricted to Neuroscience Majors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, NSCI 175 and either COMP 110 or COMP 116.

**Grading Status:** Letter grade.

**NSCI 276. Neural Circuits of Hunger Lab. 3 Credits.**

Students will design novel experiments to determine sex differences in nervous system control of food-seeking. Students will learn animal care, behavior, and electrophysiology by studying taste receptor sensitivity in fruit flies in response to interventions the students hypothesize will alter food-seeking. Students will also learn research literature analysis, experimental design, data analysis, and presentation skills through their proposal, paper, and presentation. Students may only receive credit for one: NSCI 274, 276, 277, 278 and 279. Restricted to Neuroscience Majors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, NSCI 175 and one of PSYC 210, 215, or STOR 155.

**Grading Status:** Letter grade.

**NSCI 277. Addiction Neuroscience qPCR Laboratory. 3 Credits.**

Addiction Neuroscience qPCR Laboratory is a laboratory and research-based course that will expose students to the fundamental and emerging approaches used in RT-qPCR addiction neuroscience research. In this course students will learn to handle rodent brains, perform cryostat sectioning, conduct reverse transcription, create a cDNA library, and utilize R programming to analyze qPCR results by studying genes of interest in the context of a drug exposed rodent. Majors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** PX, EE- Mentored Research.

**Requisites:** Prerequisites, NSCI 175 and one of the following: PSYC 210 or STOR 155.

**Grading Status:** Letter grade.

**NSCI 278. Molecular Imaging of the Brain. 3 Credits.**

Students will design novel experiments to examine and visualize sex differences in the nervous system. Students will learn how to handle brain slices, neuroanatomy, microscopy, immunohistochemistry and imaging analysis techniques by studying neuronal diversity in the norepinephrine system of mice. Students will have the opportunity to develop and test hypotheses, write a research proposal, and present their work in poster form. Students may only receive credit for one: NSCI 274, 276, 277, 278 and 279. Majors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** PX, EE- Mentored Research.

**Requisites:** Prerequisites, NSCI 175 and one of the following: PSYC 210 or STOR 155.

**Grading Status:** Letter grade.

**NSCI 279. Microglia Laboratory. 3 Credits.**

In this laboratory course, students will utilize molecular biology techniques (e.g., immunohistochemistry and immunoassays) while developing and testing hypotheses regarding how environmental or experimental conditions alter microglia. Students will work in teams to design an experiment, and then collect, analyze, and report data. Students may only receive credit for one of: NSCI 274, 276, 277, 278 and 279. Neuroscience majors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** PX, EE- Mentored Research.

**Requisites:** Prerequisites, NSCI 175 and one of the following: PSYC 210 or STOR 155.

**Grading Status:** Letter grade.

**NSCI 290. Current Topics in Neuroscience. 3 Credits.**

Various special areas of neuroscientific study, offered as needed. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, NSCI 175.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**NSCI 294. Service Learning in Neuroscience: APPLES. 1-3 Credits.**

Permission of the instructor. Service learning component for students enrolled in Neuroscience APPLES courses. May not count toward the major or minor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Requisites:** Prerequisite, NSCI 175.

**Grading Status:** Letter grade.

**NSCI 325. Neuroscience of Psychiatric Disorders. 3 Credits.**

This course will examine the molecular, cellular, and neurocircuitry substrates of psychiatric disorders. Topics covered will include neurobiological theories of the major classes of psychiatric disorders, genetic susceptibility, neurotransmitter systems involved, neuroplasticity, and others.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, NSCI 175 or both PSYC 101 and PSYC 220.

**Grading Status:** Letter grade.

**NSCI 326. Neuroscience Career Development, Networking & Applications in the Working World. 3 Credits.**

This course provides students interested in the neuroscience field an opportunity to gain valuable networking, job application and interviewing skills. Over the course of the semester students will meet with neuroscience professionals and create application packages. Students will learn from individuals in neuroscience related jobs about the diverse careers options available and strategies for navigating the job market successfully. Students will explore advances in neuroscience research and how they relate to industry, research, etc. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisite, NSCI 175.

**Grading Status:** Letter grade.

**NSCI 390. Current Topics In Neuroscience. 3 Credits.**

Various special areas of neuroscience study, offered as needed.

**Rules & Requirements**

**Requisites:** Prerequisite, NSCI 175.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**NSCI 395. Independent Research. 1-3 Credits.**

Supervised research resulting in a written report for declared NSCI majors. May be repeated for credit up to six hours. Up to three hours may count as a neuroscience methods elective. Permission of the instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, NSCI 175 and two additional STEM courses one of which must be at the 200 level or above; a minimum of a 3.0 cumulative grade point average.

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****NSCI 405. Advanced Molecular Neuropharmacology. 3 Credits.**

This course will examine the molecular basis of drug action in the brain. Students will learn about ligand-receptor interactions and modulation of receptor number, structure, and function by drugs. Detailed examples will examine the molecular details of both ligand-gated ion channels and G-protein coupled receptors. The course will use analysis of primary literature and a semester-long makerspace project to delve into research where central themes will include developing critical thinking, design thinking, and communication skills.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE, RESEARCH.

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, NSCI 175 or both PSYC 101 and PSYC 220; and NSCI 221.

**Grading Status:** Letter grade.

**NSCI 415. History of Neuroscience. 3 Credits.**

In this class, we will consider how neuroscience emerged as a multidisciplinary field. The class will cover key research findings that propelled the field forward. We will also delve into the autobiographies of some of the pioneering researchers who made these important discoveries. Previously offered as PSYC 415.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, NSCI 175, or both PSYC 101 and 220.

**Grading Status:** Letter grade.

**NSCI 418. Glial Neuroscience. 3 Credits.**

The purpose of this course is to provide an in-depth investigation into glia cells in the brain, and their roles in health and disease. We will focus particularly on astrocytes, microglia, and oligodendrocytes, but we will also cover and discuss other glial cell types as well. A general overview will be provided for each topic, followed by study and discussion of primary literature.

**Rules & Requirements**

**Requisites:** Prerequisites, NSCI 175, or both PSYC 101 and 220.

**Grading Status:** Letter grade.

**NSCI 419. Behavioral Endocrinology. 3 Credits.**

The endocrine and nervous systems interact with each other in complex ways to influence behavioral processes. In this course, we will discuss the ways by which hormones regulate homeostatic and social behaviors, learning, stress responses, and affective disorders, among others. Additionally, we will read scientific articles to learn about advances in the field of neuroendocrinology.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-NATSCI or FC-QUANT.

**Requisites:** Prerequisite, NSCI 175 or PSYC 220.

**Grading Status:** Letter grade.

**NSCI 420. Functional Neuroanatomy. 3 Credits.**

For advanced undergraduate and graduate students. An introduction to human neuroanatomy, covering function of the neuroanatomy of each major system and relation to neurobehavioral disorders associated with damage to the neuroanatomy of the system. Previously offered as PSYC 420.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, NSCI 175, or PSYC 101 and 220; recommended preparation, EXSS 175.

**Grading Status:** Letter grade.

**NSCI 421. Principles of Brain Circuits. 3 Credits.**

This course is designed for upper-level undergraduates who are interested in how brain circuits control behavior. A major focus will be the new technique of optogenetics that is revolutionizing our approach to systems neuroscience. Circuits that control movement, sensation, sleep, memory, and fear will be explored in detail. Points of emphasis will be circuits mediating pain as related to actions of opiates and circuits mediating feeding behavior as related to obesity.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, NSCI 175, or both PSYC 101 and PSYC 220; BIOL 101 recommended.

**Grading Status:** Letter grade.

**NSCI 422. Genetics of Brain Diseases. 3 Credits.**

This course will explore the manifestations and causes of important neurological and psychiatric diseases. A particular focus will be the impact of advances in genetics on our understanding of these disorders. Disorders that affect large numbers of patients including Alzheimer's disease, autism, and schizophrenia will be studied in detail.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, NSCI 175, or both PSYC 101 and PSYC 220.

**Grading Status:** Letter grade.

**NSCI 423. Neurotechnology in Modern Neuroscience Research. 3 Credits.**

This course addresses fundamental challenges inherent in studying the brain and explores the theory, applications, and limitations of new and traditional neurotechnology. The unique ethical issues and significance of interdisciplinary approaches in neuroscience will also be highlighted. Students will analyze research literature and focus on cellular, molecular, and genetic techniques that are essential staples in the neuroscientist's toolkit. Students will also design experiments, utilize publicly available resources, and analyze big data generated by high-throughput approaches.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, NSCI 175, or both PSYC 101 and PSYC 220.

**Grading Status:** Letter grade.

**NSCI 424. Neural Connections: Hands on Neuroscience. 3 Credits.**

This class will explore links between the brain and behavior through neuroscience outreach activities. Students will also reflect on the meaning of community engagement. By the end of the semester, each student must complete a minimum of 30 hours of service within the community. Previously offered as PSYC 424.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** PL, EE- Service Learning.

**Requisites:** Prerequisite, NSCI 175, or both PSYC 101 and 220.

**Grading Status:** Letter grade.

**NSCI 427. Neurobiology of Aging. 3 Credits.**

This course will survey clinical and experimental literature regarding the neurobiology of aging, considering different theories of aging, how aging is studied in the laboratory, and recent findings. Biochemical, molecular, physiological, and behavioral changes associated with both "normal" and pathological aging will be considered. Previously offered as PSYC 427.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, NSCI 175, or both PSYC 101 and 220.

**Grading Status:** Letter grade.

**NSCI 428. Neuroscience, Society, and the Media. 3 Credits.**

Neuroscience is a "hot" topic in popular media. We will consider media coverage of neuroscientific research by reading the popular press versions of studies alongside the findings from primary sources and what kinds of topics are most often covered by the media and why. Previously offered as PSYC 428.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, NSCI 175, or both PSYC 101 and 220.

**Grading Status:** Letter grade.

**NSCI 434. Cognitive Neuroscience. 3 Credits.**

Introduction to cognitive neuroscience. Higher mental processes including attention, memory, language, and consciousness will be covered, with an emphasis on the neural mechanisms that form the substrates of human cognition. Previously offered as PSYC 434.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, One of the following: NSCI 175, NSCI 222, NSCI 225, PSYC 220, or PSYC 230.

**Grading Status:** Letter grade.

**NSCI 437. Neurobiology of Learning and Memory. 3 Credits.**

This course surveys current knowledge about and research into the neurobiological basis of learning and memory. Using a combination of lectures and student-led discussions, we will critically evaluate the molecular, cellular, systems, and behavioral research that strives to explain how the brain learns and remembers. Previously offered as PSYC 437.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, NSCI 175, or both PSYC 101 and 220; BIOL 101 recommended.

**Grading Status:** Letter grade.

**NSCI 439. Neuroimmunology. 3 Credits.**

The nervous and immune systems interact with each other in complex ways to influence behavior, health and well-being. In this course, we will examine the mechanisms by which these two systems interact. Further, we will cover how the nervous and immune systems function together to serve homeostasis, behavior and disease.

**Rules & Requirements**

**Requisites:** Prerequisite, NSCI 175 or PSYC 220.

**Grading Status:** Letter grade.

**NSCI 490. Current Topics in Neuroscience. 3 Credits.**

Various special areas of neuroscience study, offered as needed. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, NSCI 175.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **NSCI 493. Internship in Neuroscience. 3 Credits.**

Required preparation, minimum of two other neuroscience courses and junior/senior standing. Designed for highly motivated neuroscience majors interested in exploring professional opportunities in neuroscience-related areas. Juniors and seniors only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisites, NSCI 175 and two additional NSCI courses.

**Grading Status:** Letter grade.

**NSCI 507. Autism. 3 Credits.**

Autism Spectrum Disorder (ASD) is characterized by difficulty in communication and social interaction. This course will examine scientific advancements in diagnosis, causes, and interventions for ASD. Additional topics include neurodiversity and inclusion.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, NSCI 175 or PSYC 101.

**Grading Status:** Letter grade.

 **NSCI 568. Emotion. 3 Credits.**

This course will provide a comprehensive overview of the scientific study of emotion. Topics will include theoretical models of emotion process and structure. A range of perspectives, including social, cultural, developmental, clinical, and cognitive psychology, as well as behavioral neuroscience, will be considered. Previously offered as PSYC 568.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-NATSCI.

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, NSCI 175 or PSYC 101.

**Grading Status:** Letter grade.

**NSCI 573. Neuropsychobiology of Stress. 3 Credits.**

Stress is a common experience in modern life that impacts psychological and physical health. In this course, we will delve into the scientific literature in psychology and neuroscience that explores how the brain and the body respond to stress, and how we can intervene to prevent stress from negatively impacting physical and mental health.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, PSYC 210 and 270, and NSCI 175 or both PSYC 101 and PSYC 220.

**Grading Status:** Letter grade.

 **NSCI 693H. Honors in Neuroscience I. 3 Credits.**

This course comprises the first semester in the two-semester sequence of Senior Honors in Psychology/Neuroscience. There are two components to the course: research that you will conduct under the direction of your faculty thesis advisor, and this class, which you will attend with the other senior honors students to learn about research-related topics and receive consultations with the instructor and your classmates.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Requisites:** Prerequisites, A cumulative GPA of 3.3, at least one semester of PSYC/NSCI 395 or the approved equivalent, and acceptance into the Psychology or Neuroscience Senior Honors Program; PSYC/NSCI 693H must be taken in the first semester of the last year of studies.

**Grading Status:** Letter grade.

 **NSCI 694H. Honors in Neuroscience II. 3 Credits.**

This course comprises the second semester in the two-semester sequence of Senior Honors in Psychology/Neuroscience. There are two components to the course: research that you will conduct under the direction of your faculty thesis advisor, and this class, which you will attend with the other senior honors students to learn about research-related topics and receive consultations with the instructor and your classmates. Admission to the neuroscience honors program required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Requisites:** Prerequisites, A cumulative GPA of 3.3, completion of PSYC/NSCI 693H, at least one semester of PSYC/NSCI 395 or the approved equivalent, and acceptance into the Psychology or Neuroscience Senior Honors Program; PSYC/NSCI 694H must be taken in the second semester of the last year of studies.

**Grading Status:** Letter grade.

**PSYC–Psychology**

The courses available to undergraduate students are listed below. No courses numbered 700 or above may be taken by undergraduate students. Consult the current directory of classes for each semester's offerings. PSYC 101 is prerequisite to ALL courses offered in the department except for first-year seminars, which are numbered below 100. Students and their advisors should take careful note of the specified prerequisites for advanced offerings in this listing.

## Undergraduate-level Courses

### PSYC 54. First-Year Seminar: Families and Children. 3 Credits.

This course will consider family from a life-course perspective and family influences on child development. Research and theory concerning divorced and step families, single parents, gay and lesbian parents, and family processes that shape children's development will be examined.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### PSYC 58. First-Year Seminar: The Psychology of Mental States and Language Use. 3 Credits.

Examines how language use is affected by one's reasoning about the mental activities of others. We will examine the development of language, adult language use, and the language of autistic individuals, who are known to have difficulty reasoning about others' minds. This seminar will follow a discussion format. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, RESEARCH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### PSYC 62. First-Year Seminar: Positive Psychology: The Science of Optimal Human Functioning. 3 Credits.

This course invites students to explore the opportunities presented by the vibrant and emerging field of positive psychology.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

### PSYC 63. First-Year Seminar: Use, Misuse, and Addiction to Drugs in the 21st Century. 3 Credits.

This is a first-year seminar on the use of drugs in the U.S. Its purpose is to understand the effects of drug use on pain management, overdose prevention, substance use disorder, overdoses, diversion, legal consequences, public health policy, harm reduction, and treatment. Activities include lectures from technical experts, post-lecture discussions, readings and student-lead discussions, written summaries of class material, formal debates, and a final class project on an effective evidence-based overdose prevention program.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### PSYC 66. First-Year Seminar: Eating Disorders and Body Image. 3 Credits.

Students will learn about anorexia and bulimia nervosa, as well as prevention and treatment efforts. The course explores factors related to these disorders and body image from a psychosocial perspective. Learning will occur through discussions, readings, videos, guest speakers, experimental assignments, writing assignments, and research projects.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### PSYC 67. First-Year Seminar: The Senses of Animals. 3 Credits.

This course deals with the sensory systems of animals. A description of the human senses is included, but senses that differ from our own are emphasized. Some treatment of research methods is also included. Classes will be a mixture of lecture, discussion, and student reports.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.

### PSYC 68. First-Year Seminar: Psychology of Emotion. 3 Credits.

This first-year seminar is designed for students interested in exploring the psychological study of emotion. Topics include theoretical models of emotion process and structure, as well as a review of research questions about emotional expressions, autonomic physiology, affective neuroscience, emotion and reasoning, and emotion and health.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### PSYC 89. First Year Seminar: Special Topics. 3 Credits.

Special topics course. Content will vary each semester. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Grading Status:** Letter grade.

### PSYC 101. General Psychology. 3 Credits.

PSYC 101 is a prerequisite for all psychology courses. This course will give an overview of the many different scientific perspectives from which to understand behavior, including the biological, cognitive, developmental, social and psychopathological perspectives. This course is offered in two formats: a large-course format and as a First-Year Launch.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-LAUNCH (only designated sections).

**Making Connections Gen Ed:** PL.

**Grading Status:** Letter grade.



 **PSYC 115. Reasoning with Data: Navigating a Quantitative World. 3 Credits.**

Students will use mathematical and statistical methods to address societal problems, make personal decisions, and reason critically about the world. Authentic contexts may include voting, health and risk, digital humanities, finance, and human behavior. This course does not count as credit towards the psychology or neuroscience majors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

**Same as:** MATH 115, BIOL 115, STOR 115.

**PSYC 180. Social Media, Technology, and the Adolescent Brain. 3 Credits.**

In this course, we will learn about current evidence, theory, and controversies with regards to how technology use may affect adolescent development. Questions such as how technology is changing adolescents' social relationships, impacting their mental health, and interacting with the developing brain to influence social, emotional, and cognitive development will be explored.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PSYC 190. Special Topics in Psychology. 3 Credits.**

An undergraduate seminar course that is designed to be a participatory intellectual adventure on an advanced, emergent, and stimulating topic within a selected discipline in psychology. This course does not count as credit towards the psychology major.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **PSYC 210. Statistical Principles of Psychological Research. 3 Credits.**

Consideration of the methodological principles underlying psychological research, descriptive and inferential techniques, and the manner by which they may be employed to design psychological experiments and analyze behavioral data. Three lecture hours. Students may not receive credit for both PSYC 210/PSYC 210H and PSYC 215/PSYC 215H. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-QUANT.

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 220. Biopsychology. 3 Credits.**

Introductory course which surveys the biological bases of behavior. Topics may include nerve cells and nerve impulses, sensory systems, wakefulness and sleep, reproductive behaviors, and cognitive functions. This course would be an appropriate foundational course for Advanced Biopsychology (PSYC 402). Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 230. Cognitive Psychology. 3 Credits.**

Topics in attention; memory; visual, auditory, and other forms of information processing; decision making; and thinking. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 242. Introduction to Clinical Psychology. 3 Credits.**

Overview of clinical psychology: history, scientific basis, and major activities and concerns, including assessment, psychotherapy and other psychological interventions, community psychology, ethics, and professional practice. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 245. Psychopathology. 3 Credits.**

Major forms of behavior disorders in children and adults, with an emphasis on description, causation, and treatment. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 250. Child Development. 3 Credits.**

Study of the development of social and intellectual behavior in normal children and the processes that underlie this development. Emphasis is typically on theory and research. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 260. Social Psychology. 3 Credits.**

Introductory survey of experimental social psychology covering attitudes, interpersonal processes, and small groups. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

 **PSYC 270. Research Methods in Psychology. 3 Credits.**

Students in this course will be exposed to a survey of methodology (i.e., experimental, quasi-experimental, non-experimental) used across various disciplines in psychology (i.e., social, clinical, development, cognitive, and neuroscience). In addition, students will work as a class to conduct research projects on a common theme. Students will spend class time planning, conducting, and writing up the results of this project. Class time will also be used to discuss methodological considerations in psychological research more broadly.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** PL, EE- Mentored Research.

**Requisites:** Prerequisites, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 290. Current Topics in Psychology. 1-3 Credits.**

Various special areas of psychological study, offered as needed. Course may be repeated for credit. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, PSYC 101.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

 **PSYC 294. Service Learning in Psychology: APPLES. 1-3 Credits.**

Permission of the instructor. Service learning component for students enrolled in psychology APPLES courses. May not count toward the major.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**PSYC 310. Applied Statistical Methods in the Psychological Sciences. 3 Credits.**

This course extends statistical and data analytic concepts covered in PSYC 210 with direct applications to empirical data commonly encountered in psychological research. Topics include measurement, group comparisons, linear associations, and prediction. An equal balance is placed on statistical concepts, computer-based data analysis, and interpretation of findings.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, QI.

**Requisites:** Prerequisite, PSYC 210, PSYC 215, SOCI 252, or STOR 155.

**Grading Status:** Letter grade.

**PSYC 330. Introduction to Cognitive Science. 3 Credits.**

Recommended preparation, PSYC 210 or another quantitative reasoning course. An introduction to the interdisciplinary study of the mind, intelligent behavior, information processing, and communication in living organisms and computers.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 390. Current Topics in Psychology. 1-3 Credits.**


Various special areas of psychological study, offered as needed. Course may be repeated for credit.

**Rules & Requirements**

**Requisites:** Prerequisite, PSYC 101.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **PSYC 391. Pedagogy Course for Psychology & Neuroscience Undergraduate Learning Assistants. 3 Credits.**

This course gives an overview of teaching methods that facilitate the acquisition of knowledge and understanding as well as entails hands-on experience in the classroom. Common misconceptions of learning as well as legal and ethical considerations related to working closely with an undergraduate population will also be covered. Departmental application and approval required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-LEARNNTA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Grading Status:** Letter grade.

 **PSYC 395. Independent Research. 1-3 Credits.**

A minimum of a 3.0 cumulative grade point average. Supervised research resulting in a written report for declared PSYC majors. May be repeated for credit up to eight hours. Up to three hours may count as a psychology elective. Permission of the instructor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, PSYC 101 and two additional psychology courses, at least one of which must be numbered 200 or greater.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****PSYC 404. Clinical Psychopharmacology. 3 Credits.**

This course will investigate the pharmacological effects and the clinical efficacy of drugs used to treat behavior disorders.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 430. Human Memory. 3 Credits.**

This course explores classic and current issues in the study of human memory. Topics include working memory, encoding and retrieval processes, implicit memory, reconstructive processes in memory, eyewitness memory, developmental changes in memory, neuropsychology and neuroscience of memory and memory disorders, memory improvement, and the repressed/recovered memory controversy.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, PSYC 101, and 222 or 230.

**Grading Status:** Letter grade.

**PSYC 432. Psychology of Language. 3 Credits.**

Recommended preparation, PSYC 230 or LING 101 or LING 400. This course examines the mental representations and cognitive processes that underlie the human ability to use language. Covers what people know about language, how they process it, and how people make inferences about the speaker's meaning based on context. Recent work in experimental psycholinguistics is discussed.

**Rules & Requirements**

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 433. Behavioral Decision Theory. 3 Credits.**

Simple mathematical and psychological models of judgment and choice, and related experiments, are treated, as are applications to real world problems in medical, environmental, policy, business, and related domains.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 435. Gender and Pronouns. 3 Credits.**

This course offers an inside look at pronouns from an interdisciplinary perspective. From a cognitive perspective, we examine major models of the role that pronouns play, and the mental processes involved in using them. From a social perspective, we examine the role pronouns play in marking gender identity, and how both language usage and gender concepts are currently in flux. Students also learn about research methods and conduct a novel empirical study.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

** PSYC 438. Research Topics in the Psychology of Language. 3 Credits.**

Examines the cognitive mechanisms behind language comprehension, focusing on how we make predictions about the speaker's meaning, based on context, background, gestures, and other cues. In this course-based undergraduate research experience (CURE), groups of students generate novel research questions, perform their own research experiments, and present the results in spoken and written format.

**Rules & Requirements**

** IDEAs in Action Gen Ed:** FC-LAB, RESEARCH.

**Making Connections Gen Ed:** SS, CI, EE- Mentored Research.

**Requisites:** Prerequisites, PSYC 101; Recommended: PSYC 270 and any course in linguistics (PSYC 432, any LING course, or any course with a substantial linguistics component).

**Grading Status:** Letter grade.

**PSYC 463. Development of Social Behavior and Personality. 3 Credits.**

Developmental processes during early childhood as these relate to social behavior and personality.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101 and either PSYC 210 or 215.

**Grading Status:** Letter grade.

**PSYC 467. The Development of Black Children. 3 Credits.**

PSYC 210 or 215 recommended. A survey of the literature on the development of black children. Topics include peer and social relations, self-esteem, identity development, cognitive development, school achievement, parenting, family management, and neighborhood influences.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101 and 250.

**Grading Status:** Letter grade.

**PSYC 468. Family as a Context for Development. 3 Credits.**

Explores how the family influences children's development. Topics include family theories, genetics, family structure (e.g., single parents, working mothers, divorce), discipline, parent behavior and values and beliefs, fathers and ethnic diversity.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101, 250, and either PSYC 210 or 215.

**Grading Status:** Letter grade.

**PSYC 469. Evolution and Development of Biobehavioral Systems. 3 Credits.**

Examines the evolution and development of behavior patterns and their physiological substrates.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, BIOL 101 and PSYC 101, 210, or 215.

**Grading Status:** Letter grade.

**PSYC 471. The Study of Adolescent Issues and Development. 3 Credits.**

The developmental period of adolescence is studied from a multidisciplinary perspective. The course will distinguish among early, middle, and late adolescence and will cover several theoretical perspectives.

**Rules & Requirements**

**Requisites:** Prerequisites, PSYC 101, 250, and either PSYC 210 or 215.

**Grading Status:** Letter grade.

**PSYC 474. Digital Mental Health. 3 Credits.**

This course will provide an overview of the use of digital technologies to increase opportunities for training in, access to, and use of evidence-based mental health services. Coverage will include the current status of and future directions in research, innovations in service delivery, and policy implications. Special attention will be given to the evolution of the field, the potential costs and benefits, and the promise to address health disparities in particular.

**Rules & Requirements**

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 490. Current Topics in Psychology. 3 Credits.**

Various special areas of psychological study, offered as needed. Course may be repeated for credit. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PSYC 493. Internship in Psychology. 3 Credits.**

Required preparation, minimum of two other psychology courses and junior/senior standing. Designed for highly motivated psychology majors interested in exploring professional opportunities in psychology-related areas. Students complete hands-on internships at community sites for approximately 120 hours across the semester. Students also attend a weekly one-hour class with other interns.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 500. Developmental Psychopathology. 3 Credits.**

A survey of theories bearing on atypical development and disordered behavior, and an examination of major child and adolescent behavior problems and clinical syndromes.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101, 245, and 250.

**Grading Status:** Letter grade.

**PSYC 501. Theoretical, Empirical Perspectives on Personality. 3 Credits.**

An in-depth coverage of the traditional clinically based personality theories of the early 20th century contrasted with more recent empirically based perspectives.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 502. Psychology of Adulthood and Aging. 3 Credits.**

A developmental approach to the study of adulthood, from young adulthood through death. Topics include adult issues in personality, family dynamics, work, leisure and retirement, biological and intellectual aspects of aging, dying, and bereavement.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101 and 250.

**Grading Status:** Letter grade.

**PSYC 503. African American Psychology. 3 Credits.**

This course examines race and culture in the psychological processes and behavior of African Americans.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 504. Health Psychology. 3 Credits.**

An in-depth coverage of psychological, biological, and social factors that may be involved with health.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisites, PSYC 101 and 245.

**Grading Status:** Letter grade.

**PSYC 505. Sports and Performance Psychology. 3 Credits.**

This course examines the mental health and psychological factors that impact the performance of athletes. Furthermore, the mental health of sports fans, along with the physiological and psychological impact of being a spectator will be examined.

**Rules & Requirements**

**Requisites:** Prerequisite, PSYC 101, 242 or 245.

**Grading Status:** Letter grade.

**PSYC 514. Mania and Depression. 3 Credits.**

The social, developmental, and biological contributions to mania and depression are examined, as well as the impact of these moods on the brain, creativity, relationships, quality of life, and health.

**Rules & Requirements**

**Requisites:** Prerequisites, PSYC 101 and 245.

**Grading Status:** Letter grade.

**PSYC 517. Addiction. 3 Credits.**

PSYC 245 and 270 recommended but not required. This course will provide students with a comprehensive overview of the etiology and treatment of addiction, along with exposure to real-life stories of addiction.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 518H. Creating Digital Tools for Positive Youth Development. 3 Credits.**

In this upper-level course, students will learn about the interdisciplinary field of Positive Youth Development and create a digital tool to improve health, well-being, or developmental outcomes for youth through an intensive semester-long project.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Requisites:** Prerequisite, PSYC 250.

**Grading Status:** Letter grade.

**PSYC 525. Psychological Archival Data Science. 3 Credits.**


This course addresses techniques in answering new questions with existing data. Students will learn about data from multiple perspectives: different data source and types, intended audiences, and visualization, analysis, and presentation formats. This will make students more savvy consumers as well as producers of data.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, EE- Mentored Research, QI.

**Requisites:** Pre- or corequisites, PSYC 270 and 245.

**Grading Status:** Letter grade.

 **PSYC 528. Clinical Research: Design, Analyze, Disseminate. 3 Credits.**

Students work with a community partner to identify a research question related to our understanding and treatment of psychological health. Using an iterative scientific method, students collaborate to develop hypotheses, to prepare and analyze data, to propose interpretations of data, and to present their results to the public.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research, QI.

**Requisites:** Prerequisites, PSYC 101 and either PSYC 210 or 215; Pre- or corequisite, PSYC 270.

**Grading Status:** Letter grade.

**PSYC 530. Design and Interpretation of Psychological Research. 3 Credits.**

Emphasis on the methodological principles underlying experimental and correlational research. Interaction of theory and practice in the design and interpretation of psychological studies. This is a course-based undergraduate research experience (CURE).

**Rules & Requirements**

**Making Connections Gen Ed:** PL, CI, EE- Mentored Research, QI.

**Requisites:** Prerequisites, PSYC 101 and 270.

**Grading Status:** Letter grade.

**PSYC 531. Tests and Measurement. 3 Credits.**

Basic psychometric theory underlying test construction and utilization. Detailed study of issues and instruments used in assessing intellectual functioning, educational progress, personality, and personnel selection.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, QI.

**Requisites:** Prerequisites, PSYC 101, and either PSYC 210 or 215.

**Grading Status:** Letter grade.

**PSYC 532. Quantitative Psychology. 3 Credits.**

This course examines the science of quantitative psychology. Topics include the analysis of data, the design of questionnaires, and the assessment of psychological attributes, among others. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, PSYC 210, 215, SOCI 252, or STOR 155.

**Grading Status:** Letter grade.

**PSYC 533. The General Linear Model in Psychology. 3 Credits.**

Consideration of multiple regression and the general linear model in psychological research, including hypothesis testing, model formulation, and the analysis of observational and experimental data. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 400, PSYC 210, PSYC 215, SOCI 252 or STOR 155.

**Grading Status:** Letter grade.

**PSYC 534. Introduction to Computational Statistics. 3 Credits.**


Introduction to programming and the implementation of statistical techniques. Topics include data manipulation, graphical procedures, writing loops and functions, data simulation, use of regular expressions, and scraping data from the web.

**Rules & Requirements**

**Making Connections Gen Ed:** PL, QI.


**Requisites:** Prerequisite, PSYC 210, 215, SOCI 252, or STOR 155.

**Grading Status:** Letter grade.

 **PSYC 535. Programming for Psychologists: Computational Tools for Psychological Research. 3 Credits.**

In this course, we will cover fundamental coding practices and computational tools used frequently in psychology research. We will go over the basics of coding, how to present computer-based experiments, how to keep a digital lab notebook, univariate data analyses, and visualization through programming. Through this process, students will have the opportunity to develop and run a simple experiment from start to finish.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT, FC-LAB, RESEARCH.

**Making Connections Gen Ed:** SS, QI.

**Requisites:** Prerequisite, PSYC 101; Pre- or corequisite, PSYC 210.

**Grading Status:** Letter grade.

**PSYC 559. Applied Machine Learning in Psychology. 3 Credits.**

As opposed to hypothesis-driven data analysis, machine learning takes an exploratory and predictive approach to data analysis. This course introduces machine learning approaches in psychology to identify important variables for prediction and uncover complex patterns in datasets, such as nonlinearity, interactions, or clusters. Classes include theoretical lectures and hands-on examples.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101, and either PSYC 210 or 215.

**Grading Status:** Letter grade.

**PSYC 564. Interpersonal Relationships. 3 Credits.**

PSYC 270 Recommended. This advanced course will comprehensively cover the social psychological literature on normally-developing interpersonal relationships, with implications for relationships with family, friends, co-workers, and romantic partners. This is a research-intensive course with a major aspect involving an independent research project to facilitate learning by doing.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101, 260, and either PSYC 210 or 215.

**Grading Status:** Letter grade.

**PSYC 565. Stereotyping, Prejudice, and Discrimination. 3 Credits.**

PSYC 270 recommended. Examines the determinants, functions, processes, and consequences of stereotyping, prejudice, and discrimination. Prospects for change are considered. Class presentations and participation required.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101, 260, and either PSYC 210 or 215.

**Grading Status:** Letter grade.

**PSYC 566. Attitude Change. 3 Credits.**

A detailed consideration of the theoretical issues in attitude and belief change.

**Rules & Requirements**

**Requisites:** Prerequisites, PSYC 101, 260, and either 210 or 215.

**Grading Status:** Letter grade.

**PSYC 569. Practical Wisdom from Advanced Social Psychology. 3 Credits.**

Surveys cutting-edge research across the field of social psychology and how it matters for everyday life. Topics include morality, mind perception, judgment and decision making, happiness, affective forecasting, emotion, relationships, negotiation, personality, free will, stress/health, and religion. Clear communication of research also emphasized through figures, presentations, and papers.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101, 260, and 270.

**Grading Status:** Letter grade.

**PSYC 570. The Social Psychology of Self-Regulation. 3 Credits.**

PSYC 270 recommended. An intensive review of self-regulation theory and research, focusing on the cognitive, motivational, and affective processes involved in goal commitment, monitoring, and overriding behavioral responses.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101, 260, and either PSYC 210 or 215.

**Grading Status:** Letter grade.

**PSYC 571. Social Neuroscience. 3 Credits.**

Social neuroscience is the study of how social processes and experiences are represented in and influence the structure and function of the brain. This course will focus primarily on functional magnetic resonance imaging (fMRI) studies of humans, though we will also discuss other brain imaging techniques and patient studies. Previously offered as NSCI 571.

**Rules & Requirements**

**Making Connections Gen Ed:** PL.

**Requisites:** Prerequisite, PSYC 220 or NSCI 175, PSYC 260 recommended.

**Grading Status:** Letter grade.

**PSYC 572. Theoretical and Empirical Perspectives on Sex and Gender Differences. 3 Credits.**

An in-depth examination of psychological research and theory pertaining to the influence of gender on the lives of men and women. In general, emphasis will be placed on understanding gender as a social psychological construct.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, PSYC 101 and 260.

**Grading Status:** Letter grade.

 **PSYC 573. Psychology of Women and Gender. 3 Credits.**

This course will discuss theories, methods, and empirical research findings on the physical, cognitive, emotional, and social aspects of the psychology of women, as well as topics such as feminist psychology, intersectionality, bias in psychological research, sexual orientation, sexuality, lifespan development, work, and health. Men and masculinity, the psychology of transgender persons, and a critique of the gender binary are also discussed.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Requisites:** Prerequisite, PSYC 101 or WGST 101.

**Grading Status:** Letter grade.

**Same as:** WGST 573.

**PSYC 574. Science of Moral Understanding. 3 Credits.**

Each of us is committed to our moral values and often struggle to understand those who with different beliefs. This course will focus on difficult moral disagreements (e.g., abortion, euthanasia), using social psychology and related disciplines to reveal the basis of our moral judgments, the drivers of moral divides, and how best to bridge them. We will cover both theory and application, and practice having constructive dialogue and civil disagreement to forge moral understanding.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Requisites:** Prerequisites, PSYC 101, and 260.

**Grading Status:** Letter grade.

**PSYC 575. Positive Psychology. 3 Credits.**

This course examines positive psychology, also called the science of thriving. One basic premise of positive psychology is that thriving individuals and thriving communities require the presence and interplay of positive emotions, positive relationships, and positive meaning. A second basic premise is that thriving does not result simply by curing pathology and eliminating problems. Rather, thriving requires building and capitalizing on human strengths and capacities. Students will apply course concepts in their everyday lives.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 601. Psychology and Law. 3 Credits.**

Examines the legal system from the perspective of psychology methods and research, with a focus on criminal law. Discusses dilemmas within the law and between the legal system and psychology.

**Rules & Requirements**

**Requisites:** Prerequisites, PSYC 101, and either PSYC 210 or PSYC 215.

**Grading Status:** Letter grade.

**PSYC 602. Evolutionary Psychology. 3 Credits.**

Major topics of general psychology are examined from an evolutionary perspective with an emphasis on empirical studies asking why much current human behavior and experience would have been adaptive for our early ancestors.

**Rules & Requirements**

**Requisites:** Prerequisite, PSYC 101.

**Grading Status:** Letter grade.

**PSYC 693H. Honors in Psychology I. 3 Credits.**

To be taken in the fall of the last year of studies as the first course in the two-semester honors sequence. Students conduct research under the direction of a faculty advisor and receive classroom instruction in research-related topics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, CI, EE- Mentored Research.

**Requisites:** Prerequisites, A cumulative GPA of 3.3, at least one semester of PSYC/NSCI 395 or the approved equivalent, and acceptance into the Psychology or Neuroscience Senior Honors Program; PSYC/NSCI 693H must be taken in the first semester of the last year of studies.

**Grading Status:** Letter grade.

**PSYC 694H. Honors in Psychology II. 3 Credits.**

This course comprises the second semester in the two-semester sequence of Senior Honors in Psychology/Neuroscience. There are two components to the course: research that you will conduct under the direction of your faculty thesis advisor, and this class, which you will attend with the other senior honors students to learn about research-related topics and receive consultations with the instructor and your classmates. Admission to the psychology honors program required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS, CI, EE- Mentored Research.

**Requisites:** Prerequisites, A cumulative GPA of 3.3, completion of PSYC/NSCI 693H, at least one semester of PSYC/NSCI 395 or the approved equivalent, and acceptance into the Psychology or Neuroscience Senior Honors Program; PSYC/NSCI 694H must be taken in the second semester of the last year of studies.

**Grading Status:** Letter grade.

## Contact Information

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## Neuroscience Major, B.S.

Neuroscience embodies the liberal arts experience as it draws on techniques and findings from several academic disciplines including biology, chemistry, computer science, mathematics, physics, and psychology. This program provides students with the fundamental knowledge and exposure needed to pursue careers and post-graduate studies in fields related to psychology, human development and aging, health and disease, rehabilitation, biomedical research, human-machine interactions, and other emerging disciplines.

The neuroscience major is open to all undergraduate students.

## Student Learning Outcomes

Upon completion of the neuroscience program, students should be able to:

- **Knowledge Base:** Demonstrate familiarity with the major concepts, theoretical perspectives, empirical findings, and trends in neuroscience including its links to other science disciplines
- **Scientific Inquiry and Critical Thinking Skills:** Apply basic research methods in neuroscience, including research design, data analysis, and interpretation. Demonstrate scientific reasoning, problem solving, and critical thinking
- **Ethics and Responsible Conduct of Research:** Demonstrate use of empirical evidence, tolerate ambiguity, act ethically, and reflect other values that are the underpinning of neuroscience as a science
- **Communication:** Demonstrate competence in writing and in oral communication skills. Be able to produce a research study or other neuroscience project, explain its scientific results, and present information
- **Individual and Professional Development:** Develop the ability to apply neuroscience content, skills, project management, and teamwork skills to career preparation

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
NSCI 175	Introduction to Neuroscience (with a grade of C or better)	3
Select one statistics course:		3-4
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	
STOR 120	Foundations of Statistics and Data Science <sup>F</sup>	
STOR 155	Introduction to Data Models and Inference <sup>F</sup>	
Select one research methods course: <sup>1</sup>		3
NSCI 274	Neurophysiology Data Science Lab	
NSCI 276	Neural Circuits of Hunger Lab	
NSCI 277	Addiction Neuroscience qPCR Laboratory	
NSCI 278	Molecular Imaging of the Brain	
NSCI 279	Microglia Laboratory	
PSYC 270	Research Methods in Psychology	
Select two courses:		6
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning <sup>H</sup>	
NSCI 225	Sensation and Perception <sup>H</sup>	
Knowledge Electives (select at least six credit hours from list below)		6
Mathematics, Methods, Statistics Electives (select at least six credit hours from list below)		6
<b>Additional Requirements</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H,F</sup>	4
BIOL 103	How Cells Function <sup>F</sup>	3
BIOL 220	Molecular Genetics <sup>H</sup>	3
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H,F</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H,F</sup>	4
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
COMP 110	Introduction to Programming and Data Science <sup>H</sup>	3
or COMP 116	Introduction to Scientific Programming	
MATH 231	Calculus of Functions of One Variable I <sup>H,F</sup>	4
MATH 232	Calculus of Functions of One Variable II <sup>H,F</sup>	4
Select one course:		4

PHYS 114	General Physics I: For Students of the Life Sciences <sup>F</sup>	
PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H,F</sup>	
Select one course:		4
PHYS 115	General Physics II: For Students of the Life Sciences <sup>F</sup>	
PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H,F</sup>	
PSYC 101	General Psychology <sup>F</sup>	3
<b>Total Hours</b>		<b>78-79</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Neuroscience research method courses NSCI 27\* should be prioritized over PSYC 270.

## Knowledge Electives (6 Credit Hours)

Code	Title	Hours
BIOL 240	Cell Biology <sup>H</sup>	3
BIOL 425	Human Genetics	3
BIOL 431	Biological Physics	3
BIOL 450	Neurobiology <sup>1</sup>	3
BIOL 453	Molecular Control of Metabolism and Metabolic Disease <sup>1</sup>	3
BIOL 455	Behavioral Neuroscience <sup>1</sup>	3
BIOL 458	Sensory Neurobiology and Behavior <sup>1</sup>	3
BIOL 523	Sex Differences in Human Disease <sup>1</sup>	3
BIOL 542	Light Microscopy for the Biological Sciences <sup>1</sup>	3
BIOL 544L	Laboratory in Diseases of the Cytoskeleton <sup>1</sup>	3
BIOL 545	Exploring Brain, Gut, and Immunity <sup>1,H</sup>	3
BIOL 547	Synaptic Plasticity: Analysis of Primary Literature	3
BIOL 552	Behavioral Endocrinology <sup>1</sup>	3
BIOL 635	Careers in Biotechnology	1
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3
COMP 210	Data Structures and Analysis	3
COMP 211	Systems Fundamentals <sup>1</sup>	3
COMP 301	Foundations of Programming <sup>1</sup>	3
COMP 311	Computer Organization	3
COMP 555	Bioalgorithms <sup>1</sup>	3
COMP 560	Artificial Intelligence <sup>1</sup>	3
COMP 562	Introduction to Machine Learning <sup>1,H</sup>	3
COMP 576	Mathematics for Image Computing <sup>1</sup>	3
COMP 581	Introduction to Robotics <sup>1,H</sup>	3
COMP 631	Networked and Distributed Systems <sup>1</sup>	3



COMP 633	Parallel and Distributed Computing <sup>1</sup>	3
COMP 651	Computational Geometry <sup>1</sup>	3
COMP 665	Images, Graphics, and Vision <sup>1</sup>	3
EXSS 155	Human Anatomy and Physiology I	3
EXSS 175	 Human Anatomy <sup>F</sup>	3
EXSS 256	Human Anatomy and Physiology II <sup>1</sup>	3
EXSS 275L	Human Anatomy Laboratory	1
EXSS 276	Human Physiology <sup>1</sup>	3
EXSS 380	Neuromuscular Control and Learning <sup>1</sup>	3
EXSS 580	Neuromechanics of Human Movement <sup>1</sup>	3
Any course between NSCI 300 - 699, with some exceptions (see footnote) <sup>3</sup>		
PHYS 133	How Bio Works	3
PHYS 405	Biological Physics	3
PSYC 245	Psychopathology <sup>H</sup>	3
PSYC 404	Clinical Psychopharmacology	3
PSYC 469	Evolution and Development of Biobehavioral Systems	3
PSYC 517	Addiction	3
PSYC 559	Applied Machine Learning in Psychology <sup>1</sup>	3
PSYC 602	Evolutionary Psychology	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.










<sup>1</sup> Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

<sup>2</sup> Students may take one of COMP 283, MATH 381, or STOR 215.

<sup>3</sup> Any course between NSCI 300 - 699 except NSCI 395, NSCI 405, NSCI 418, NSCI 419, NSCI 423, NSCI 439, NSCI 493, and NSCI 693H/NSCI 694H

## Mathematics, Methods, and Statistics Electives (6 Credit Hours)

Code	Title	Hours
APPL 101	 Exploring Engineering	3
APPL 240	Developing Your Sixth Sense: Designing Sensors and Electrical Circuits to Make Measurements	4
APPL 350	Data Science for Applied Science and Engineering	3
APPL 430	Optical Instrumentation for Scientists and Engineers	3
APPL 435	Nanophotonics <sup>1</sup>	3
BIOL 224H	The Mathematics of Life	3
BIOL 224L	The Mathematics of Life Laboratory	1
BIOL 226	Mathematical Methods for Quantitative Biology	3
BIOL 226L	Mathematical Methods for Quantitative Biology Laboratory	1

BIOL 553	Mathematical and Computational Models in Biology <sup>1</sup>	3
BIOL 554	Introduction to Computational Neuroscience <sup>1</sup>	3
BMME 207	Biomedical Electronics <sup>1</sup>	4
BMME 301	Human Physiology: Electrical Analysis <sup>1</sup>	4
BMME 445	Systems Neuroscience <sup>1</sup>	3
BMME 550	Medical Imaging I: Ultrasonic, Optical, and Magnetic Resonance Systems <sup>1</sup>	3
COMP 283	 Discrete Structures <sup>2,H</sup>	3
MATH 210	 Mathematical Tools for Data Science <sup>1</sup>	3
MATH 233	 Calculus of Functions of Several Variables <sup>H,F</sup>	4
MATH 347	Linear Algebra for Applications	3
MATH 381	Discrete Mathematics <sup>2,H</sup>	3
MATH 383	First Course in Differential Equations <sup>1,H</sup>	3
MATH 383L	First Course in Differential Equations Laboratory <sup>1</sup>	1
MATH 523	Functions of a Complex Variable with Applications <sup>1</sup>	3
MATH 528	Mathematical Methods for the Physical Sciences I <sup>1</sup>	3
MATH 528L	Laboratory for Mathematical Methods for the Physical Sciences I <sup>1</sup>	1
MATH 529	Mathematical Methods for the Physical Sciences II <sup>1</sup>	3
MATH 529L	Laboratory for Mathematical Methods for the Physical Sciences II <sup>1</sup>	1
MATH 535	Introduction to Probability <sup>1</sup>	3
MATH 555	Introduction to Dynamics <sup>1</sup>	3
MATH 560	Optimization with Applications in Machine Learning <sup>1</sup>	3
MATH 564	Mathematical Modeling in the Life Sciences <sup>1</sup>	3
MATH 566	Introduction to Numerical Analysis <sup>1</sup>	3
MATH 577	Linear Algebra <sup>1</sup>	3
MATH 661	Scientific Computation I <sup>1</sup>	3
MATH 662	Scientific Computation II <sup>1</sup>	3
MATH 668	Methods of Applied Mathematics I <sup>1</sup>	3
MATH 669	Methods of Applied Mathematics II <sup>1</sup>	3
NSCI 395	 Independent Research <sup>3</sup>	3
NSCI 405	 Advanced Molecular Neuropharmacology	3
NSCI 418	Glial Neuroscience	3
NSCI 419	Behavioral Endocrinology	3
NSCI 423	Neurotechnology in Modern Neuroscience Research	3
NSCI 439	Neuroimmunology	3
NSCI 493	 Internship in Neuroscience	3
NSCI 693H	 Honors in Neuroscience I	3
NSCI 694H	 Honors in Neuroscience II	3
PSYC 533	The General Linear Model in Psychology <sup>H</sup>	3
STOR 215	 Foundations of Decision Sciences <sup>2</sup>	3
STOR 415	Introduction to Optimization <sup>1</sup>	3
STOR 435	Introduction to Probability <sup>1</sup>	3
STOR 445	Stochastic Modeling <sup>1</sup>	3

STOR 455	Methods of Data Analysis <sup>1</sup>	3
STOR 535	Probability for Data Science <sup>1</sup>	3
STOR 555	Mathematical Statistics <sup>1</sup>	3
STOR 556	Time Series Data Analysis <sup>1</sup>	3
STOR 565	Machine Learning <sup>1</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Course requires a prerequisite(s) not otherwise counting in the major. Please review prerequisite information carefully when planning your course selection.

<sup>2</sup> Students may take one of COMP 283, MATH 381, or STOR 215.

<sup>3</sup> Students may only count NSCI 395 for three (3) hours of credit in the MMS elective.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample I

#### First Year

Fall Semester		Hours
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>1, F</sup>		3
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
<b>Hours</b>		<b>15</b>
<b>Spring Semester</b>		
<b>First-Year Foundation Courses</b>		
Triple-I and Data Literacy (p. 1179)		4
<b>Major Courses</b>		
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4

MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
NSCI 175	Introduction to Neuroscience	3

**Hours** **15**

#### Sophomore Year

Fall Semester		Hours
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H, F</sup>	4
PSYC 101	General Psychology <sup>F</sup>	3
COMP 116	Introduction to Scientific Programming	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
Additional Gen Ed or elective course <sup>2</sup>		3

**Hours** **16**

#### Spring Semester

Select one of the following		Hours
NSCI 221	Neuropsychopharmacology	3
NSCI 222	Learning <sup>H</sup>	
NSCI 225	Sensation and Perception <sup>H</sup>	
BIOL 103	How Cells Function <sup>F</sup>	3
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
Additional Gen Ed and elective courses <sup>2</sup>		6

**Hours** **15**

#### Junior Year

Fall Semester		Hours
PHYS 114	General Physics I: For Students of the Life Sciences <sup>F</sup>	4
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	3
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
Lifetime Fitness (p. 1239)		1
Additional Gen Ed or elective course <sup>2</sup>		3

**Hours** **15**

#### Spring Semester

PHYS 115	General Physics II: For Students of the Life Sciences <sup>F</sup>	4
Select one of the following research methods options: <sup>4</sup>		3
NSCI 274	Neurophysiology Data Science Lab	
NSCI 276	Neural Circuits of Hunger Lab	
NSCI 277	Addiction Neuroscience qPCR Laboratory	
NSCI 278	Molecular Imaging of the Brain	
NSCI 279	Microglia Laboratory	
CHEM 262L	Laboratory in Organic Chemistry	1
BIOL 220	Molecular Genetics <sup>H</sup>	3
Additional Gen Ed and elective courses <sup>2</sup>		6

**Hours** **17**

**Senior Year****Fall Semester**

CHEM 430	Introduction to Biological Chemistry (knowledge elective #1) <sup>H</sup>	3
Knowledge elective #2		3
MMS elective #1		3
Select one of the following		3
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning <sup>H</sup>	
NSCI 225	Sensation and Perception <sup>H</sup>	
Additional Gen Ed or elective course <sup>2</sup>		3
<b>Hours</b>		<b>15</b>
<b>Spring Semester</b>		
MMS elective #2		3
Additional Gen Ed and elective courses <sup>2</sup>		9
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Students are strongly encouraged to fulfill the FY-Seminar or FY-Launch First-Year Foundation requirement with a FY-Launch course in the major. Several FY-Launch course options are available. If done, then students can take an additional Gen Ed course in the fall semester.

<sup>2</sup> Students planning to apply to medical schools are advised to include BIOL 252 and BIOL 252L as a general elective in their course plan.

<sup>3</sup> Students planning to apply to medical schools are advised to include CHEM 430 as a knowledge elective in their course plan.

<sup>4</sup> Students are strongly encouraged to prioritize NSCI 27\* neuroscience research methods labs. However, PSYC 270 will still fulfill the research methods requirement.

**Sample II (for students with MATH 231 and CHEM 101/L credit)****First Year****Fall Semester****Hours****First-Year Foundation Courses**

IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
or ENGL 105I	or  English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>1, F</sup>		3
Global Language through level 3 (p. 1180)		varies

**Major Courses**

MATH 232	Calculus of Functions of One Variable II <sup>H, F</sup>	4
CHEM 102	General Descriptive Chemistry II <sup>H, F</sup>	3

CHEM 102L	Quantitative Chemistry Laboratory II	1
<b>Hours</b>		<b>15</b>

**Spring Semester****First-Year Foundation Courses**

Triple-I and Data Literacy (p. 1179)		4
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**Major Courses**

NSCI 175	Introduction to Neuroscience	3
PSYC 101	General Psychology <sup>F</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3

<b>Hours</b>		<b>14</b>
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**Sophomore Year****Fall Semester**

PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	3
COMP 116	Introduction to Scientific Programming	3
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
Additional Gen Ed and elective courses <sup>2</sup>		7

<b>Hours</b>		<b>16</b>
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**Spring Semester**

Select one of the following research methods options: <sup>4</sup>		3
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NSCI 274	Neurophysiology Data Science Lab	
NSCI 276	Neural Circuits of Hunger Lab	
NSCI 277	Addiction Neuroscience qPCR Laboratory	
NSCI 278	Molecular Imaging of the Brain	
NSCI 279	Microglia Laboratory	
BIOL 101	Principles of Biology <sup>H, F</sup>	3
BIOL 101L	Introductory Biology Laboratory	1
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
CHEM 262L	Laboratory in Organic Chemistry	1
Lifetime Fitness (p. 1239)		1
Additional Gen Ed course		3

<b>Hours</b>		<b>15</b>
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**Junior Year****Fall Semester**

Select one of the following		3
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning <sup>H</sup>	
NSCI 225	Sensation and Perception <sup>H</sup>	
PHYS 114	General Physics I: For Students of the Life Sciences <sup>F</sup>	4
CHEM 430	Introduction to Biological Chemistry (knowledge elective #1) <sup>H</sup>	3
BIOL 103	How Cells Function <sup>F</sup>	3
Additional Gen Ed course		3
<b>Hours</b>		<b>16</b>

**Spring Semester**

Select one of the following	3
NSCI 221 Neuropsychopharmacology	
NSCI 222 Learning <sup>H</sup>	
NSCI 225 Sensation and Perception <sup>H</sup>	
PHYS 115  General Physics II: For Students of the Life Sciences <sup>F</sup>	4
BIOL 220  Molecular Genetics <sup>H</sup>	3
Additional Gen Ed and elective courses <sup>2</sup>	6

**Hours** 16

**Senior Year****Fall Semester**

Knowledge elective #2	3
MMS elective #1	3
Additional Gen Ed and elective courses <sup>2</sup>	9

**Hours** 15

**Spring Semester**

MMS elective #2	3
Additional Gen Ed and elective courses <sup>2</sup>	10

**Hours** 13

**Total Hours** 120

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Students are strongly encouraged to fulfill the FY-Seminar or FY-Launch First-Year Foundation requirement with a FY-Launch course in the major. Several FY-Launch course options are available. If done, then students can take an additional Gen Ed course in the fall semester.

<sup>2</sup> Students planning to apply to medical schools are advised to include BIOL 252 and BIOL 252L as a general elective in their course plan.

<sup>3</sup> Students planning to apply to medical schools are advised to include CHEM 430 as a knowledge elective in their course plan.

<sup>4</sup> Students are strongly encouraged to prioritize NSCI 27\* neuroscience research methods labs. However, PSYC 270 will still fulfill the research methods requirement.

## Special Opportunities in Psychology and Neuroscience

### Honors in Psychology and Neuroscience

Any major in the program with an overall grade point average of 3.3 or higher and prior research experience in a faculty lab (e.g., PSYC 395 or NSCI 395) is eligible for enrollment in the departmental senior honors thesis program. Each candidate for honors participates in a two-semester course sequence (PSYC 693H and PSYC 694H or NSCI 693H and NSCI 694H) and carries out independent research in an area of the student's choice under the guidance of a psychology and neuroscience faculty member. Please see the department website for the application

form (<https://psychology.unc.edu/honors-program/>) and additional information.

### Departmental Involvement

The Carolina Psychology and Neuroscience Ambassadors Program (<https://tarheels.live/psychologyandneuroscienceambassadors/>) is a peer mentoring program which connects relative new or inexperienced psychology and/or neuroscience majors with more advanced and experienced students, in order to create stronger networking and provide greater access to support and resources.

The Carolina Neuroscience Club (<http://carolinaneuroscience.web.unc.edu>) brings together students who have an interest in the brain and nervous system. Club members meet regularly to discuss courses, research articles, and post-college neuroscience opportunities. Membership is open to anyone interested in neuroscience.

Psi Chi (<https://hellife.unc.edu/organization/psi-chi-psychology-national-honor-society-uncch/>) is the National Honor Society for psychology. UNC's chapter strives to increase awareness of career options as well as the role of psychology in the community, among exemplary psychology students.

Nu Rho Psi (<https://nurhopsi.org/>) is the National Honor Society for neuroscience. The Nu Rho Psi chapter at Carolina aims to build connections among neuroscience students on campus, celebrate brain awareness week in our community, provide mentorship to underclassmen interested in the field, and much more.

Helping Give Away Psychological Science (<https://www.hgaps.org/>) is a student-based nonprofit organization to improve information about psychology on Wikipedia, on other online sites, and in the community.

### High-Impact/Experiential Education

Several opportunities for experiential education are available. The Karen M. Gil Internship Program (<http://psychology.unc.edu/undergraduate-studies/gil-internship/>) offers both course credit and a monthly stipend to selected psychology and neuroscience majors who are placed in approved internship sites in the community. Interns are selected through a competitive process (minimum grade point average is 3.4). Other experiential education opportunities include PSYC 395; NSCI 395; PSYC 693H; PSYC 694H; NSCI 693H; NSCI 694H; upper-level courses which are course-based research courses; or courses where service learning is a central focus, such as a psychology or neuroscience course which has an APPLES (<https://ccps.unc.edu/apples/>) program component.

### Undergraduate Awards

The Department of Psychology and Neuroscience administers several undergraduate awards: the Dashiell-Thurstone Prize; the David Bray Peele Undergraduate Award; the Donald T. Lysle Service Award; the Lindquist Undergraduate Research Award; the J. Steven Reznick Award for Diversity Enhancement in Psychological Research; the J. Steven Reznick Diversity and Psychological Research Grant; and the Susan M. McHale Award for Outstanding Psychological Research by a Student Who Enhances Diversity, as well as several fellowships and grants administered through the UNC Office for Undergraduate Research (<https://our.unc.edu/>) or the UNC Honors Carolina Office (<https://honorscarolina.unc.edu/>). Additional honors include election to Psi Chi, the national honor society for psychology undergraduates, and/or election to Nu Rho Psi, the national honor society for neuroscience undergraduates. Each year, the Lindquist Undergraduate Research Award is given to several undergraduate students to support their research;

the Dashiell-Thurstone Prize is awarded to one student for the best undergraduate research project; the David Bray Peel Undergraduate Award is given for the best honors project; and the Donald T. Lysle Service Award is given to a psychology or neuroscience major who has made exemplary service contributions. The Donald T. Lysle Service Award is presented at the Chancellor's Award Ceremony, the only campus-wide recognition at Carolina. The department also supports awards that support diversity. The J. Steven Reznick Award for Outstanding Research That Enhances Diversity is for a graduating senior who has conducted excellent research that contributes to psychological knowledge about diversity and the J. Steven Reznick Diversity and Psychological Research Grant as well as the Susan M. McHale Award for Outstanding Research by a Student Who Enhances Diversity are awarded to student researchers who identify as being from an underrepresented population. For each of these awards, diversity is broadly defined, including but not limited to diversity based on race, ethnicity, sexual orientation, gender, disability, religious affiliation, and socioeconomic status. For additional details on these awards, please visit the Psychology and Neuroscience page on undergraduate awards (<https://psychology.unc.edu/departamental-awards/#undergraduateawards>).

## Undergraduate Research

Qualified students interested in doing independent research under the direction of a faculty member may enroll for independent research credit (PSYC 395 or NSCI 395). Students interested in this option should speak directly with psychology faculty members regarding opportunities in their laboratories. Additional information is available on the department's website (<http://psychology.unc.edu/undergraduate-studies/undergraduate-research/>). Many other psychology courses also include heavy research components. See the research methods, research intensive, and research exposure courses at the Office for Undergraduate Research (<https://our.unc.edu/find-research-courses/>).

## Department Programs

### Majors

- Neuroscience Major, B.S. (p. 839)
- Psychology Major, B.A. (p. 845)
- Psychology Major, B.S. (p. 850)

### Minors

- Cognitive Science Minor (p. 856)
- Neuroscience Minor (p. 856)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

## Contact Information

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## Psychology Major, B.A.

In the undergraduate study of psychology, the emphasis is on a broad acquaintance with the behavioral sciences, not specialization. The subject matter is preparatory to a career in psychology either in basic research and teaching, or in any number of professional applications to various human problems. A psychology major may prove valuable to those planning other professional careers such as medicine, law, education, or business, as well as to those who seek a broad cultural background in the behavioral sciences.

## Student Learning Outcomes

Upon completion of the psychology (B.A., B.S.) and/or neuroscience (B.S.) programs, students will attain the following:

- Knowledge Base: Demonstrate knowledge of the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology and/or neuroscience, including its links to other disciplines.
- Scientific Inquiry and Critical Thinking Skills: Apply basic research methods in psychology and/or neuroscience, including research design, data analysis, and interpretation. Demonstrate scientific reasoning and problem solving.
- Ethics, Social Responsibility and Responsible Conduct of Research: Demonstrate use of empirical evidence, tolerate ambiguity, act ethically, be mindful of diversity and reflect other values that are the underpinnings of psychology and/or neuroscience as a science.
- Communication: Demonstrate competence in writing and in oral communication skills. Ability to produce a research study or other neuroscience and/or psychology project, explain its scientific results and present information.






- Individual and Professional Development: Develop the ability to apply psychology and/or neuroscience content, skills, project management and teamwork skills to career preparation. Apply psychological and/or neuroscience principles to personal, social, and organizational issues.





## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
PSYC 101	 General Psychology (with a grade of C or better)	3
<b>Core Requirements</b>		
PSYC 210	 Statistical Principles of Psychological Research	3
PSYC 270	 Research Methods in Psychology <sup>1,2</sup>	3
One course below 400 from four of the five following psychology program areas:		12
Behavioral and Integrative Neuroscience:		
NSCI 221	Neuropsychopharmacology	
NSCI 222	Learning <sup>H</sup>	
NSCI 225	Sensation and Perception <sup>3,H</sup>	
PSYC 220	Biopsychology <sup>H</sup>	
Clinical:		
PSYC 242	Introduction to Clinical Psychology <sup>H</sup>	
PSYC 245	Psychopathology <sup>H</sup>	
Cognitive:		
NSCI 225	Sensation and Perception <sup>3,H</sup>	
PSYC 230	Cognitive Psychology <sup>H</sup>	
Developmental:		
PSYC 250	Child Development <sup>H</sup>	
Social:		
PSYC 260	Social Psychology <sup>H</sup>	
Two additional PSYC and/or NSCI courses numbered between 395 and 699; may not include PSYC 493 or NSCI 493 <sup>4</sup>		6
One additional PSYC and/or NSCI course above 101; may not include PSYC 190 or NSCI 190. <sup>4</sup>		3
<b>Additional Requirements</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H,F</sup>	4
One non-Psychology and Neuroscience Department course which comes from the Allied Science list (see below)		3

Code	Title	Hours
COMP 101	Fluency in Information Technology	3-4
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
MATH 130	 Precalculus Mathematics <sup>F</sup>	
MATH 152	 Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H,F</sup>	
<b>Total Hours</b>		<b>40-41</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Psychology and Neuroscience double majors may also use any NSCI 27\* course to fulfill this requirement.

<sup>2</sup> Psychology and Human Development Family Studies double majors may also use EDUC 408 to fulfill this requirement.

<sup>3</sup> NSCI 225 can meet either the behavioral neuroscience or cognitive requirement, but not both.






<sup>4</sup> Up to 3-credit hours of the following may be used to fulfill one core major requirement: PSYC 395/NSCI 395, PSYC 693H/NSCI 693H or PSYC 694H/NSCI 694H.

A student may submit a maximum of 45 credit hours from the department (this includes both PSYC and NSCI courses) towards the completion of the B.A. degree.

Students planning to enter graduate programs in psychology are urged to include a research-intensive course such as PSYC 395, NSCI 395, PSYC 530, or PSYC 693H and PSYC 694H in their program as well as a course in software programming/coding.

Students interested in medical and/or health careers are strongly encouraged to connect with Pre-professional & Pre-graduate Advising (<https://careers.unc.edu/students/pre-professional-pre-graduate-advising/>) and Health Professions Advising (<https://hpa.unc.edu/explore/explore-health-careers/medicine/>). Particularly note that medical and/or health professional schools may recommend, though not require, psychology courses.

## Allied Science Electives

Code	Title	Hours
<b>Anthropology</b>		
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	 Human Origins	3
ANTH 217	 Human Biology in Comparative Perspective	3
ANTH 298	 Biological Anthropology Theory and Practice	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 318	 Human Growth and Development	3

ANTH 412	Paleoanthropology	3	ENEC 256	Mountain Biodiversity	4
ANTH 413	 Laboratory Methods: Archaeobotany	3	ENEC 304	Restoration Ecology	4
ANTH 414	 Laboratory Methods: Human Osteology	3	ENEC 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ANTH 415	 Laboratory Methods: Zooarchaeology	3	ENEC 352	Marine Fisheries Ecology	3
ANTH 416	 Bioarchaeology	3	ENEC 403	Environmental Chemistry Processes	3
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains	3	ENEC 406	Atmospheric Processes II	4
ANTH 437	Evolutionary Medicine	3	ENEC 410	Earth Processes in Environmental Systems	4
ANTH 471	Biocultural Perspectives on Maternal and Child Health	3	ENEC 411	Oceanic Processes in Environmental Systems	4
<b>Astronomy</b>			ENEC 415	Environmental Systems Modeling	3
ASTR ---	Any course above ASTR 99 except ASTR 390		ENEC 416	Environmental Meteorology	3
<b>Biochemistry</b>			ENEC 431	Sustainable Cities: Exploring Ways of Making Cities More Sustainable	3
BIOC 107	Introduction to Biochemistry	4	ENEC 450	Biogeochemical Processes	4
BIOC 108	Introduction to Biochemistry	4	ENEC 462	Ecosystem Management	3
<b>Biology</b>			ENEC 471	Human Impacts on Estuarine Ecosystems	4
BIOL ---	Any course above BIOL 101, except BIOL 195, BIOL 290, BIOL 291, BIOL 292, BIOL 293, BIOL 294, BIOL 295, BIOL 296, BIOL 395, BIOL 410, BIOL 490, and BIOL 495		ENEC 479	Landscape Analysis	3
<b>Biomedical Engineering</b>			ENEC 489	Ecological Processes in Environmental Systems	4
BMME 150	Introduction to Materials Science	3	ENEC 530	Principles of Climate Modeling	3
BMME 207	Biomedical Electronics	4	ENEC 562	Statistics for Environmental Scientists	4
BMME 301	Human Physiology: Electrical Analysis	4	ENEC 567	Ecological Analyses and Application	3
BMME 315	Biotransport	3	<b>Environment Sciences</b>		
BMME 335	Biomaterials	3	ENVR 205	Engineering Tools for Environmental Problem Solving	3
BMME 385	Bioinstrumentation	3	ENVR 403	Environmental Chemistry Processes	3
BMME 405	Biomechanics of Movement	3	ENVR 411	Laboratory Techniques and Field Measurements	3
BMME 420	Introduction to Synthetic Biology	3	ENVR 412	Ecological Microbiology	3
BMME 435	Biological Physics	3	ENVR 413	Limnology	3
BMME 445	Systems Neuroscience	3	ENVR 416	Aerosol Physics and Chemistry	4
BMME 455	Biofluid Mechanics	3	ENVR 419	Chemical Equilibria in Natural Waters	3
BMME 470	Analysis of Tissue Engineering Technologies	3	ENVR 421	Environmental Health Microbiology	3
BMME 485	Biotechnology	3	ENVR 425	Introduction to Health Physics: Radiation and Radiation Protection	3
BMME 505	Skeletal Biomechanics	3	ENVR 430	Health Effects of Environmental Agents	3
<b>Biostatistics</b>			ENVR 442	Biochemical Toxicology	3
BIOS ---	Any course above BIOS 500H, except BIOS 540, BIOS 543, BIOS 690, BIOS 691, BIOS 693H, BIOS 694H		ENVR 451	Introduction to Environmental Modeling	3
<b>Chemistry</b>			ENVR 453	Groundwater Hydrology	3
CHEM ---	Any course above CHEM 101 except CHEM 190, CHEM 291, CHEM 395, CHEM 396, CHEM 397, CHEM 410, and CHEM 692H		ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3
<b>Computer Science</b>			ENVR 470	Environmental Risk Assessment	3
COMP ---	Any course above COMP 116, except COMP 185, COMP 190, COMP 380, COMP 390, and COMP 393		ENVR 472	Quantitative Risk Assessment in Environmental Health Microbiology	3
<b>Environment and Ecology</b>			ENVR 514	Measurement of NO <sub>x</sub> , O <sub>3</sub> , and Volatile Organic Compounds	3
ENEC 108	Our Energy and Climate Crises: Challenges and Opportunities	4	ENVR 575	Global Climate Change: Science, Impacts, Solutions	3
ENEC 202	 Introduction to the Environmental Sciences	4	ENVR 630	Systems Biology in Environmental Health	3
ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	3	ENVR 661	Scientific Computation I	3
ENEC 222	Estuarine and Coastal Marine Science	4	ENVR 662	Scientific Computation II	3
			ENVR 666	Numerical Methods	3
			ENVR 668	Methods of Applied Mathematics I	3
			ENVR 669	Methods of Applied Mathematics II	3
			ENVR 671	Environmental Physics I	3

ENVR 672	Environmental Physics II	3
ENVR 675	Air Pollution, Chemistry, and Physics	3
<b>Exercise and Sport Science</b>		
EXSS 175	Human Anatomy <sup>F</sup>	3
EXSS 175 & EXSS 275L	Human Anatomy and Human Anatomy Laboratory <sup>F</sup>	4
EXSS 276	Human Physiology	3
EXSS 376	Physiological Basis of Human Performance	4
EXSS 380	Neuromuscular Control and Learning	3
EXSS 385	Biomechanics of Sport	3
EXSS 475	Functional Anatomy	3
EXSS 576	Exercise Endocrinology	3
EXSS 580	Neuromechanics of Human Movement	3
<b>Geography</b>		
GEOG 110	The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	Weather and Climate	3
GEOG 212	Environmental Conservation and Global Change	3
GEOG 253	Introduction to Atmospheric Processes	4
GEOG 391	Quantitative Methods in Geography	3
GEOG 412	Synoptic Meteorology	3
GEOG 414	Climate Change	3
GEOG 416	Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GEOG 440	Earth Surface Processes	3
GEOG 441	Introduction to Watershed Systems	3
GEOG 442	Limnology and Freshwater Ecology	3
<b>Earth, Marine, and Environmental Sciences</b>		
GEOL ---	Any course above GEOL 100, except GEOL 190, GEOL 390, GEOL 395, GEOL 396, GEOL 412, GEOL 480, GEOL 590, GEOL 601, GEOL 602, GEOL 691H, GEOL 692H, and GEOL 695	
MASC ---	Any course above MASC 100, except MASC 190, MASC 220, MASC 390, MASC 395, MASC 396, and MASC 490	
EMES ---	Any course above EMES 100, except EMES 190, EMES 220, EMES 390, EMES 395, EMES 396, EMES 412, EMES 490, EMES 590, EMES 691H, and EMES 692H	
<b>Mathematics</b>		
MATH ---	Any course above MATH 230 except MATH 290, 296, 396, 410, 411, 418, 515, 691H and 692H.	
<b>Microbiology</b>		
MCRO ---	Any course above MCRO 100 except MCRO 690	
<b>Nutrition</b>		
NUTR 240	Introduction to Human Nutrition	3
NUTR 400	Introduction to Nutritional Biochemistry	3
NUTR 600	Human Metabolism: Macronutrients	3
NUTR 620	HUMAN METABOLISM: MICRONUTRIENTS	3
<b>Philosophy</b>		
PHIL 155	Truth and Proof: Introduction to Mathematical Logic <sup>H</sup>	3

PHIL 455 Symbolic Logic 3

### Physics

PHYS --- Any course above PHYS 99 except PHYS 132, PHYS 295, PHYS 391, PHYS 395, PHYS 410, PHYS 671L, PHYS 672L, PHYS 691H, and PHYS 692H

### Statistics and Operations Research

STOR --- Any course above STOR 100 except STOR 151 or STOR 155

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.





<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.



First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105i  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
BIOL 101  Principles of Biology & 101L  and  Introductory Biology Laboratory <sup>H, F</sup>	4
Take one of the following:	3
PSYC 101  General Psychology <sup>F</sup>	
PSYC 210  Statistical Principles of Psychological Research <sup>H</sup>	
PSYC/NSCI 2xx Program area course	



COMP 101	Fluency in Information Technology	3-4
or	or  Introduction to Programming and Data Science	
COMP 110	or Introduction to Scientific Programming	
or	or  Precalculus Mathematics	
COMP 116	or  Calculus for Business and Social Sciences	
or	or  Calculus of Functions of One Variable I	
MATH 130		
or		
MATH 152		
or		
MATH 231		

**Hours** 21-22

**Sophomore Year**


PSYC 210	 Statistical Principles of Psychological Research	3
or	H	
PSYC 270	or  Research Methods in Psychology	

PSYC/NSCI 2xx: Program area course	3
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One non-Psychology and Neuroscience Department course which comes from the Allied Science List	3
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**Hours** 9

**Junior Year**

PSYC 270	 Research Methods in Psychology	3
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PSYC/NSCI 2xx: Program area course	3
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PSYC/NSCI 2xx: Program area course	3
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One additional PSYC and/or NSCI course numbered between 395 and 699. May not include PSYC 493 or NSCI 493. <sup>1</sup>	3
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**Hours** 12

**Senior Year**

PSYC/NSCI 2xx: Program area course	3
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One additional PSYC and/or NSCI course numbered between 395 and 699. May not include PSYC 493 or NSCI 493. <sup>1</sup>	3
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One additional PSYC and/or NSCI course above 101. May not include PSYC 190 or NSCI 190. <sup>1</sup>	3
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**Hours** 9

**Total Hours** 51-52

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Up to 3-credit hours of the following may be used to fulfill one core major requirement: PSYC 395/NSCI 395, PSYC 693H/NSCI 693H or PSYC 694H/NSCI 694H.

## Special Opportunities in Psychology and Neuroscience

### Honors in Psychology and Neuroscience

Any major in the program with an overall grade point average of 3.3 or higher and prior research experience in a faculty lab (e.g., PSYC 395 or NSCI 395) is eligible for enrollment in the departmental senior honors thesis program. Each candidate for honors participates in a two-semester course sequence (PSYC 693H and PSYC 694H or NSCI 693H and NSCI 694H) and carries out independent research in an area of the student's choice under the guidance of a psychology and neuroscience faculty member. Please see the department website for the application form (<https://psychology.unc.edu/honors-program/>) and additional information.

### Departmental Involvement

The Carolina Psychology and Neuroscience Ambassadors Program (<https://tarheels.live/psychologyandneuroscienceambassadors/>) is a peer mentoring program which connects relative new or inexperienced psychology and/or neuroscience majors with more advanced and experienced students, in order to create stronger networking and provide greater access to support and resources.

The Carolina Neuroscience Club (<http://carolinaneuroscience.web.unc.edu>) brings together students who have an interest in the brain and nervous system. Club members meet regularly to discuss courses, research articles, and post-college neuroscience opportunities. Membership is open to anyone interested in neuroscience.

Psi Chi (<https://heellife.unc.edu/organization/psi-chi--psychology-national-honor-society--uncch/>) is the National Honor Society for psychology. UNC's chapter strives to increase awareness of career options as well as the role of psychology in the community, among exemplary psychology students.

Nu Rho Psi (<https://nurhopsi.org/>) is the National Honor Society for neuroscience. The Nu Rho Psi chapter at Carolina aims to build connections among neuroscience students on campus, celebrate brain awareness week in our community, provide mentorship to undergrads interested in the field, and much more.

Helping Give Away Psychological Science (<https://www.hgaps.org/>) is a student-based nonprofit organization to improve information about psychology on Wikipedia, on other online sites, and in the community.

### High-Impact/Experiential Education

Several opportunities for experiential education are available. The Karen M. Gil Internship Program (<http://psychology.unc.edu/undergraduate-studies/gil-internship/>) offers both course credit and a monthly stipend to selected psychology and neuroscience majors who are placed in approved internship sites in the community. Interns are selected through a competitive process (minimum grade point average is 3.4). Other experiential education opportunities include PSYC 395; NSCI 395; PSYC 693H; PSYC 694H; NSCI 693H; NSCI 694H; upper-level courses which are course-based research courses; or courses where service learning is a central focus, such as a psychology or neuroscience course which has an APPLES (<https://ccps.unc.edu/apples/>) program component.

### Undergraduate Awards

The Department of Psychology and Neuroscience administers several undergraduate awards: the Dashiell-Thurstone Prize; the David Bray

Peele Undergraduate Award; the Donald T. Lysle Service Award; the Lindquist Undergraduate Research Award; the J. Steven Reznick Award for Diversity Enhancement in Psychological Research; the J. Steven Reznick Diversity and Psychological Research Grant; and the Susan M. McHale Award for Outstanding Psychological Research by a Student Who Enhances Diversity, as well as several fellowships and grants administered through the UNC Office for Undergraduate Research (<https://our.unc.edu/>) or the UNC Honors Carolina Office (<https://honorscarolina.unc.edu/>). Additional honors include election to Psi Chi, the national honor society for psychology undergraduates, and/or election to Nu Rho Psi, the national honor society for neuroscience undergraduates. Each year, the Lindquist Undergraduate Research Award is given to several undergraduate students to support their research; the Dashiell-Thurstone Prize is awarded to one student for the best undergraduate research project; the David Bray Peel Undergraduate Award is given for the best honors project; and the Donald T. Lysle Service Award is given to a psychology or neuroscience major who has made exemplary service contributions. The Donald T. Lysle Service Award is presented at the Chancellor's Award Ceremony, the only campus-wide recognition at Carolina. The department also supports awards that support diversity. The J. Steven Reznick Award for Outstanding Research That Enhances Diversity is for a graduating senior who has conducted excellent research that contributes to psychological knowledge about diversity and the J. Steven Reznick Diversity and Psychological Research Grant as well as the Susan M. McHale Award for Outstanding Research by a Student Who Enhances Diversity are awarded to student researchers who identify as being from an underrepresented population. For each of these awards, diversity is broadly defined, including but not limited to diversity based on race, ethnicity, sexual orientation, gender, disability, religious affiliation, and socioeconomic status. For additional details on these awards, please visit the Psychology and Neuroscience page on undergraduate awards (<https://psychology.unc.edu/departamental-awards/#undergraduateawards>).

## Undergraduate Research

Qualified students interested in doing independent research under the direction of a faculty member may enroll for independent research credit (PSYC 395 or NSCI 395). Students interested in this option should speak directly with psychology faculty members regarding opportunities in their laboratories. Additional information is available on the department's website (<http://psychology.unc.edu/undergraduate-studies/undergraduate-research/>). Many other psychology courses also include heavy research components. See the research methods, research intensive, and research exposure courses at the Office for Undergraduate Research (<https://our.unc.edu/find-research-courses/>).

## Department Programs

### Majors

- Neuroscience Major, B.S. (p. 839)
- Psychology Major, B.A. (p. 845)
- Psychology Major, B.S. (p. 850)

### Minors

- Cognitive Science Minor (p. 856)
- Neuroscience Minor (p. 856)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

## Contact Information

### Department of Psychology and Neuroscience

Visit Program Website (<http://psychology.unc.edu>)

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## Psychology Major, B.S.

In the undergraduate study of psychology, the emphasis is on a broad acquaintance with the behavioral sciences, not specialization. The subject matter is preparatory to a career in psychology either in basic research and teaching, or in any number of professional applications to various human problems. A psychology major may prove valuable to those planning other professional careers such as medicine, law, education, or business, as well as to those who seek a broad cultural background in the behavioral sciences.

## Student Learning Outcomes

Upon completion of the psychology (B.A., B.S.) and/or neuroscience (B.S.) programs, students will attain the following:

- Knowledge Base: Demonstrate knowledge of the major concepts, theoretical perspectives, empirical findings, and historical trends

in psychology and/or neuroscience, including its links to other disciplines.




- **Scientific Inquiry and Critical Thinking Skills:** Apply basic research methods in psychology and/or neuroscience, including research design, data analysis, and interpretation. Demonstrate scientific reasoning and problem solving.
- **Ethics, Social Responsibility and Responsible Conduct of Research:** Demonstrate use of empirical evidence, tolerate ambiguity, act ethically, be mindful of diversity and reflect other values that are the underpinnings of psychology and/or neuroscience as a science.
- **Communication:** Demonstrate competence in writing and in oral communication skills. Ability to produce a research study or other neuroscience and/or psychology project, explain its scientific results and present information.
- **Individual and Professional Development:** Develop the ability to apply psychology and/or neuroscience content, skills, project management and teamwork skills to career preparation. Apply psychological and/or neuroscience principles to personal, social, and organizational issues.










## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Gateway Course</b>		
PSYC 101	 General Psychology (with a grade of C or better) <sup>F</sup>	3
<b>Core Requirements</b>		
PSYC 210	 Statistical Principles of Psychological Research <sup>H</sup>	3
PSYC 270	 Research Methods in Psychology <sup>1,2</sup>	3
One course below 400 from each of the following program areas: 6		
Behavioral Integrative Neuroscience:		
NSCI 222	Learning <sup>H</sup>	
NSCI 225	Sensation and Perception <sup>3,H</sup>	
NSCI 221	Neuropsychopharmacology	
PSYC 220	Biopsychology <sup>H</sup>	
Cognitive:		
NSCI 225	Sensation and Perception <sup>3,H</sup>	
PSYC 230	Cognitive Psychology <sup>H</sup>	
One course below 400 from two of the three following psychology program areas: 6		
Clinical:		
PSYC 242	Introduction to Clinical Psychology <sup>H</sup>	
PSYC 245	Psychopathology <sup>H</sup>	

Development:		
PSYC 250	Child Development <sup>H</sup>	
Social:		
PSYC 260	Social Psychology <sup>H</sup>	
One upper-level course chosen from "Special Requirement Courses" (see list below) <sup>4</sup>		3
One upper-level PSYC and/or NSCI course numbered between 395 and 699. May not include PSYC 493 or NSCI 493. <sup>4</sup>		3
One additional PSYC and/or NSCI course above 101; may not include PSYC 190 or NSCI 190. <sup>4</sup>		3
<b>Additional Requirements</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H,F</sup>	4
One of: 4		
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H,F</sup>	
PHYS 114	 General Physics I: For Students of the Life Sciences <sup>F</sup>	
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H,F</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H,F</sup>	4
One of:		3-4
COMP 101	Fluency in Information Technology	
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
MATH 232	 Calculus of Functions of One Variable II <sup>H,F</sup>	
At least 3 additional three-credit hour non-Psychology and Neuroscience Department courses which must come from the Allied Science list (see below). Additionally, 1 four-credit hour non-Psychology and Neuroscience Department course from the Allied Science list (see below) or one of the following combinations: CHEM 241 + 241L, CHEM 241H + 245L, CHEM 262 + 262L or CHEM 262H + 263L or EMES 101 + EMES 101L. <sup>5</sup>		13
Remaining General Education requirements and enough additional hours to accumulate 120 academic hours		62
<b>Total Hours</b>		<b>120</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Psychology and Neuroscience double majors may also use any NSCI 27\* course to fulfill this requirement.

<sup>2</sup> Psychology and Human Development Family Studies double majors may also use EDUC 408 to fulfill this requirement.

<sup>3</sup> NSCI 225 can meet either the behavioral neuroscience or cognitive requirement, but not both.

<sup>4</sup> Up to 3-credit hours of the following may be used to fulfill one core major requirement: PSYC 395/NSCI 395, PSYC 693H/NSCI 693H or PSYC 694H/NSCI 694H.

<sup>5</sup> A 3-credit hour Allied Science course may be combined with a 1-credit hour lab with the same course number to fulfill the 4-credit hour Allied Science course requirement.






Students planning to enter graduate programs in psychology are urged to include a research-intensive course such as PSYC 395, PSYC 530, or PSYC 693H and PSYC 694H in their program as well as a software programming/coding course.

Students interested in medical and/or health careers are strongly encouraged to connect with Pre-professional & Pre-graduate Advising (<https://careers.unc.edu/students/pre-professional-pre-graduate-advising/>) and Health Professions Advising (<https://hpa.unc.edu/explore/explore-health-careers/medicine/>). Particularly note that medical and/or health professional schools may recommend, though not require, psychology courses.

A student may submit a maximum of 45 credit hours from the department (this includes both PSYC and NSCI courses) towards the completion of the B.S. degree.

Details of the student's program may be worked out in consultation with college and departmental advisors.










## Special Requirements Courses

Code	Title	Hours
PSYC 395	 Independent Research	1-3
PSYC 404	Clinical Psychopharmacology	3
PSYC 430	Human Memory	3
PSYC 433	Behavioral Decision Theory	3
PSYC 438	 Research Topics in the Psychology of Language	3
PSYC 469	Evolution and Development of Biobehavioral Systems	3
PSYC 504	Health Psychology	3
PSYC 517	Addiction	3
PSYC 525	Psychological Archival Data Science	3
PSYC 528	 Clinical Research: Design, Analyze, Disseminate	3
PSYC 530	Design and Interpretation of Psychological Research	3
PSYC 531	Tests and Measurement	3
PSYC 532	Quantitative Psychology <sup>H</sup>	3
PSYC 533	The General Linear Model in Psychology <sup>H</sup>	3
PSYC 534	Introduction to Computational Statistics	3
PSYC 559	Applied Machine Learning in Psychology	3
PSYC 693H	 Honors in Psychology I	3
PSYC 694H	 Honors in Psychology II	3

NSCI 395 and any course between NSCI 400-699, except NSCI 415 and NSCI 493.

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Allied Science Electives



Code	Title	Hours
<b>Anthropology</b>		
ANTH 143	Human Evolution and Adaptation	3
ANTH 148	 Human Origins	3
ANTH 217	 Human Biology in Comparative Perspective	3
ANTH 298	 Biological Anthropology Theory and Practice	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 318	 Human Growth and Development	3
ANTH 412	Paleoanthropology	3
ANTH 413	 Laboratory Methods: Archaeobotany	3
ANTH 414	 Laboratory Methods: Human Osteology	3
ANTH 415	 Laboratory Methods: Zooarchaeology	3
ANTH 416	 Bioarchaeology	3
ANTH 423	Written in Bone: CSI and the Science of Death Investigation from Skeletal Remains	3
ANTH 437	Evolutionary Medicine	3
ANTH 471	Biocultural Perspectives on Maternal and Child Health	3
<b>Astronomy</b>		
ASTR ---	Any course above ASTR 99 except ASTR 390	
<b>Biochemistry</b>		
BIOC 107	Introduction to Biochemistry	4
BIOC 108	Introduction to Biochemistry	4
<b>Biology</b>		
BIOL ---	Any course above BIOL 101, except BIOL 195, BIOL 290, BIOL 291, BIOL 292, BIOL 293, BIOL 294, BIOL 295, BIOL 296, BIOL 395, BIOL 410, BIOL 490, and BIOL 495	
<b>Biomedical Engineering</b>		
BMME 150	Introduction to Materials Science	3
BMME 207	Biomedical Electronics	4
BMME 301	Human Physiology: Electrical Analysis	4
BMME 315	Biotransport	3
BMME 335	Biomaterials	3
BMME 385	Bioinstrumentation	3
BMME 405	Biomechanics of Movement	3
BMME 420	Introduction to Synthetic Biology	3
BMME 435	Biological Physics	3
BMME 445	Systems Neuroscience	3
BMME 455	Biofluid Mechanics	3
BMME 470	Analysis of Tissue Engineering Technologies	3
BMME 485	Biotechnology	3
BMME 505	Skeletal Biomechanics	3
<b>Biostatistics</b>		
BIOS ---	Any course above BIOS 500H, except BIOS 540, BIOS 543, BIOS 690, BIOS 691, BIOS 693H, BIOS 694H	
<b>Chemistry</b>		

CHEM -- Any course above CHEM 101 except CHEM 190, CHEM 291, CHEM 395, CHEM 396, CHEM 397, CHEM 410, and CHEM 692H

#### Computer Science

COMP -- Any course above COMP 116, except COMP 185, COMP 190, COMP 380, COMP 390, and COMP 393

#### Environment and Ecology



ENEC 108	Our Energy and Climate Crises: Challenges and Opportunities	4
ENEC 202	 Introduction to the Environmental Sciences	4
ENEC 220	North Carolina Estuaries: Environmental Processes and Problems	3
ENEC 222	Estuarine and Coastal Marine Science	4
ENEC 256	Mountain Biodiversity	4
ENEC 304	Restoration Ecology	4
ENEC 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3
ENEC 352	Marine Fisheries Ecology	3
ENEC 403	Environmental Chemistry Processes	3
ENEC 406	Atmospheric Processes II	4
ENEC 410	Earth Processes in Environmental Systems	4
ENEC 411	Oceanic Processes in Environmental Systems	4
ENEC 415	Environmental Systems Modeling	3
ENEC 416	Environmental Meteorology	3
ENEC 431	Sustainable Cities: Exploring Ways of Making Cities More Sustainable	3
ENEC 450	Biogeochemical Processes	4
ENEC 462	Ecosystem Management	3
ENEC 471	Human Impacts on Estuarine Ecosystems	4
ENEC 479	Landscape Analysis	3
ENEC 489	Ecological Processes in Environmental Systems	4
ENEC 530	Principles of Climate Modeling	3
ENEC 562	Statistics for Environmental Scientists	4
ENEC 567	Ecological Analyses and Application	3

#### Environment Sciences




ENVR 205	Engineering Tools for Environmental Problem Solving	3
ENVR 403	Environmental Chemistry Processes	3
ENVR 411	Laboratory Techniques and Field Measurements	3
ENVR 412	Ecological Microbiology	3
ENVR 413	Limnology	3
ENVR 416	Aerosol Physics and Chemistry	4
ENVR 419	Chemical Equilibria in Natural Waters	3
ENVR 421	Environmental Health Microbiology	3
ENVR 425	Introduction to Health Physics: Radiation and Radiation Protection	3
ENVR 430	Health Effects of Environmental Agents	3
ENVR 442	Biochemical Toxicology	3
ENVR 451	Introduction to Environmental Modeling	3
ENVR 453	Groundwater Hydrology	3
ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3
ENVR 470	Environmental Risk Assessment	3

ENVR 472	Quantitative Risk Assessment in Environmental Health Microbiology	3
ENVR 514	Measurement of NO <sub>x</sub> , O <sub>3</sub> , and Volatile Organic Compounds	3
ENVR 575	Global Climate Change: Science, Impacts, Solutions	3
ENVR 630	Systems Biology in Environmental Health	3
ENVR 661	Scientific Computation I	3
ENVR 662	Scientific Computation II	3
ENVR 666	Numerical Methods	3
ENVR 668	Methods of Applied Mathematics I	3
ENVR 669	Methods of Applied Mathematics II	3
ENVR 671	Environmental Physics I	3
ENVR 672	Environmental Physics II	3
ENVR 675	Air Pollution, Chemistry, and Physics	3

#### Exercise and Sport Science

EXSS 175	 Human Anatomy <sup>F</sup>	3
EXSS 175 & EXSS 275L	 Human Anatomy and Human Anatomy Laboratory <sup>F</sup>	4
EXSS 276	Human Physiology	3
EXSS 376	Physiological Basis of Human Performance	4
EXSS 380	Neuromuscular Control and Learning	3
EXSS 385	Biomechanics of Sport	3
EXSS 475	Functional Anatomy	3
EXSS 576	Exercise Endocrinology	3
EXSS 580	Neuromechanics of Human Movement	3

#### Geography

GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3
GEOG 111	 Weather and Climate	3
GEOG 212	 Environmental Conservation and Global Change	3
GEOG 253	Introduction to Atmospheric Processes	4
GEOG 391	Quantitative Methods in Geography	3
GEOG 412	Synoptic Meteorology	3
GEOG 414	 Climate Change	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GEOG 440	Earth Surface Processes	3
GEOG 441	Introduction to Watershed Systems	3
GEOG 442	Limnology and Freshwater Ecology	3

#### Earth, Marine, and Environmental Sciences

GEOL --	Any course above GEOL 100, except GEOL 190, GEOL 390, GEOL 395, GEOL 396, GEOL 412, GEOL 480, GEOL 590, GEOL 601, GEOL 602, GEOL 691H, GEOL 692H, and GEOL 695	
MASC --	Any course above MASC 100, except MASC 190, MASC 220, MASC 390, MASC 395, MASC 396, and MASC 490	
EMES --	Any course above EMES 100, except EMES 190, EMES 220, EMES 390, EMES 395, EMES 396, EMES 412, EMES 490, EMES 590, EMES 691H, and EMES 692H	

#### Mathematics

MATH --- Any course above MATH 230 except MATH 290, 296, 396, 410, 411, 418, 515, 691H and 692H.

**Microbiology**

MCRO --- Any course above MCRO 100 except MCRO 690

**Nutrition**


NUTR 240 Introduction to Human Nutrition 3


NUTR 400 Introduction to Nutritional Biochemistry 3

NUTR 600 Human Metabolism: Macronutrients 3

NUTR 620 HUMAN METABOLISM: MICRONUTRIENTS 3

**Philosophy**

PHIL 155  Truth and Proof: Introduction to Mathematical Logic<sup>H</sup> 3

PHIL 455  Symbolic Logic 3

**Physics**

PHYS --- Any course above PHYS 99 except PHYS 132, PHYS 295, PHYS 391, PHYS 395, PHYS 410, PHYS 671L, PHYS 672L, PHYS 691H, and PHYS 692H

**Statistics and Operations Research**







STOR --- Any course above STOR 100 except STOR 151 or STOR 155




H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.


## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric	3
or ENGL 105i  English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
<b>Major Courses</b>	
BIOL 101  Principles of Biology	4
& 101L  and  Introductory Biology Laboratory <sup>H, F</sup>	

CHEM 101  General Descriptive Chemistry I<sup>H, F</sup> 4  
& 101L  
or  General Physics I: For Students of the Life Sciences  
PHYS 114  
or  Introductory Calculus-based Mechanics and Relativity  
PHYS 118

MATH 231  Calculus of Functions of One Variable I<sup>H, F</sup> 4


PSYC 101  General Psychology<sup>F</sup> 3


**Hours** 26


**Sophomore Year**


Allied science course #1 3


Allied science course #2, with lab 4


COMP 101  Fluency in Information Technology 3-4


or COMP 110  Introduction to Programming and Data Science

or COMP 116  Introduction to Scientific Programming

or MATH 232  Calculus of Functions of One Variable II

PSYC 210  Statistical Principles of Psychological Research<sup>H</sup> 3

PSYC 220  Biopsychology<sup>H</sup> 3

or NSCI 221  or Neuropsychopharmacology


or NSCI 222  or Learning

or NSCI 225  or Sensation and Perception

or NSCI 225


**Hours** 16-17


**Junior Year**

PSYC 270  Research Methods in Psychology 3

Two courses chosen from the clinical, developmental, or social list 6

Allied science course #3 3

PSYC 230  Cognitive Psychology<sup>H</sup> 3

or NSCI 225  or Sensation and Perception

**Hours** 15

**Senior Year**

One PSYC and/or NSCI course chosen from the "Upper Level Courses for Special Requirement" (see course list) 3

One additional PSYC and/or NSCI course numbered between 395 and 699. May not include PSYC 493 or NSCI 493. 3

Allied science course #4 3

One additional PSYC and/or NSCI course above 101<sup>1</sup> 3

**Hours** 12

**Total Hours** 69-70

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Up to 3-credit hours of the following may be used to fulfill one core major requirement: PSYC 395/NSCI 395, PSYC 693H/NSCI 693H or PSYC 694H/NSCI 694H.

## Special Opportunities in Psychology and Neuroscience

### Honors in Psychology and Neuroscience

Any major in the program with an overall grade point average of 3.3 or higher and prior research experience in a faculty lab (e.g., PSYC 395 or NSCI 395) is eligible for enrollment in the departmental senior honors thesis program. Each candidate for honors participates in a two-semester course sequence (PSYC 693H and PSYC 694H or NSCI 693H and NSCI 694H) and carries out independent research in an area of the student's choice under the guidance of a psychology and neuroscience faculty member. Please see the department website for the application form (<https://psychology.unc.edu/honors-program/>) and additional information.

### Departmental Involvement

The Carolina Psychology and Neuroscience Ambassadors Program (<https://tarheels.live/psychologyandneuroscienceambassadors/>) is a peer mentoring program which connects relative new or inexperienced psychology and/or neuroscience majors with more advanced and experienced students, in order to create stronger networking and provide greater access to support and resources.

The Carolina Neuroscience Club (<http://carolinaneuroscience.web.unc.edu>) brings together students who have an interest in the brain and nervous system. Club members meet regularly to discuss courses, research articles, and post-college neuroscience opportunities. Membership is open to anyone interested in neuroscience.

Psi Chi (<https://hellife.unc.edu/organization/psi-chi--psychology-national-honor-society--uncch/>) is the National Honor Society for psychology. UNC's chapter strives to increase awareness of career options as well as the role of psychology in the community, among exemplary psychology students.

Nu Rho Psi (<https://nurhopsi.org/>) is the National Honor Society for neuroscience. The Nu Rho Psi chapter at Carolina aims to build connections among neuroscience students on campus, celebrate brain awareness week in our community, provide mentorship to underclassmen interested in the field, and much more.

Helping Give Away Psychological Science (<https://www.hgaps.org/>) is a student-based nonprofit organization to improve information about psychology on Wikipedia, on other online sites, and in the community.

### High-Impact/Experiential Education

Several opportunities for experiential education are available. The Karen M. Gil Internship Program (<http://psychology.unc.edu/undergraduate-studies/gil-internship/>) offers both course credit and a monthly stipend to selected psychology and neuroscience majors who are placed in approved internship sites in the community. Interns are selected through

a competitive process (minimum grade point average is 3.4). Other experiential education opportunities include PSYC 395; NSCI 395; PSYC 693H; PSYC 694H; NSCI 693H; NSCI 694H; upper-level courses which are coursed-based research courses; or courses where service learning is a central focus, such as a psychology or neuroscience course which has an APPLES (<https://ccps.unc.edu/apples/>) program component.

### Undergraduate Awards

The Department of Psychology and Neuroscience administers several undergraduate awards: the Dashiell-Thurstone Prize; the David Bray Peele Undergraduate Award; the Donald T. Lysle Service Award; the Lindquist Undergraduate Research Award; the J. Steven Reznick Award for Diversity Enhancement in Psychological Research; the J. Steven Reznick Diversity and Psychological Research Grant; and the Susan M. McHale Award for Outstanding Psychological Research by a Student Who Enhances Diversity, as well as several fellowships and grants administered through the UNC Office for Undergraduate Research (<https://our.unc.edu/>) or the UNC Honors Carolina Office (<https://honorscarolina.unc.edu/>). Additional honors include election to Psi Chi, the national honor society for psychology undergraduates, and/or election to Nu Rho Psi, the national honor society for neuroscience undergraduates. Each year, the Lindquist Undergraduate Research Award is given to several undergraduate students to support their research; the Dashiell-Thurstone Prize is awarded to one student for the best undergraduate research project; the David Bray Peel Undergraduate Award is given for the best honors project; and the Donald T. Lysle Service Award is given to a psychology or neuroscience major who has made exemplary service contributions. The Donald T. Lysle Service Award is presented at the Chancellor's Award Ceremony, the only campus-wide recognition at Carolina. The department also supports awards that support diversity. The J. Steven Reznick Award for Outstanding Research That Enhances Diversity is for a graduating senior who has conducted excellent research that contributes to psychological knowledge about diversity and the J. Steven Reznick Diversity and Psychological Research Grant as well as the Susan M. McHale Award for Outstanding Research by a Student Who Enhances Diversity are awarded to student researchers who identify as being from an underrepresented population. For each of these awards, diversity is broadly defined, including but not limited to diversity based on race, ethnicity, sexual orientation, gender, disability, religious affiliation, and socioeconomic status. For additional details on these awards, please visit the Psychology and Neuroscience page on undergraduate awards (<https://psychology.unc.edu/departmental-awards/#undergraduateawards>).

### Undergraduate Research

Qualified students interested in doing independent research under the direction of a faculty member may enroll for independent research credit (PSYC 395 or NSCI 395). Students interested in this option should speak directly with psychology faculty members regarding opportunities in their laboratories. Additional information is available on the department's website (<http://psychology.unc.edu/undergraduate-studies/undergraduate-research/>). Many other psychology courses also include heavy research components. See the research methods, research intensive, and research exposure courses at the Office for Undergraduate Research (<https://our.unc.edu/find-research-courses/>).

## Department Programs

### Majors

- Neuroscience Major, B.S. (p. 839)
- Psychology Major, B.A. (p. 845)
- Psychology Major, B.S. (p. 850)

#### Minors

- Cognitive Science Minor (p. 856)
- Neuroscience Minor (p. 856)

#### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

## Contact Information

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Visit Program Website (<http://psychology.unc.edu>)

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## Cognitive Science Minor

The Department of Psychology and Neuroscience no longer offers a minor in cognitive science. For information about psychology and neuroscience undergraduate programs and courses, please see the

Department of Psychology and Neuroscience (p. 826) Academic Catalog page.

For information about the cognitive science minor, please see the Academic Catalog archives (p. 1291).

## Department Programs

#### Majors

- Neuroscience Major, B.S. (p. 839)
- Psychology Major, B.A. (p. 845)
- Psychology Major, B.S. (p. 850)

#### Minors

- Cognitive Science Minor (p. 856)
- Neuroscience Minor (p. 856)

#### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

## Neuroscience Minor

Neuroscience embodies the liberal arts experience because it draws on techniques and findings from several academic disciplines including biology, chemistry, computer science, exercise and sports science, mathematics, physics, and psychology. The neuroscience minor provides undergraduate students the opportunity to obtain fundamental knowledge and exposure needed to pursue careers and post-graduate studies in fields related to psychology, human development and aging, health and disease, rehabilitation, biomedical research, human-machine interactions, and other emerging disciplines.


The minor is open to all students, including psychology majors. However, students should note that they are limited to no more than 45 credit hours within a specific department. Students must earn a grade of C or better in at least four of the five courses.

## Requirements



In addition to the program requirements listed below, students must:







- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
NSCI 175	 Introduction to Neuroscience (with a grade of C or better)	3
Four courses distributed over at least three academic departments, selected from the following lists:		12
<b>Psychology and Neuroscience:</b>		



NSCI 221	Neuropsychopharmacology
NSCI 222	Learning <sup>H</sup>
NSCI 225	Sensation and Perception <sup>H</sup>
Any NSCI course numbered between 300-699 <sup>1</sup>	
PSYC 245	Psychopathology <sup>H</sup>
PSYC 404	Clinical Psychopharmacology
PSYC 469	Evolution and Development of Biobehavioral Systems
PSYC 517	Addiction
PSYC 533	The General Linear Model in Psychology <sup>H</sup>
PSYC 559	Applied Machine Learning in Psychology
PSYC 602	Evolutionary Psychology
<b>Applied Physical Sciences:</b>	
APPL 101	Exploring Engineering
APPL 240	Developing Your Sixth Sense: Designing Sensors and Electrical Circuits to Make Measurements
APPL 350	Data Science for Applied Science and Engineering
APPL 430	Optical Instrumentation for Scientists and Engineers
APPL 435	Nanophotonics
<b>Biology:</b>	
BIOL 205	Cellular and Developmental Biology <sup>H</sup>
BIOL 224H & BIOL 224L	The Mathematics of Life and The Mathematics of Life Laboratory
BIOL 226 & 226L	Mathematical Methods for Quantitative Biology and Mathematical Methods for Quantitative Biology Laboratory
BIOL 425	Human Genetics
BIOL 431	Biological Physics
BIOL 450	Neurobiology
BIOL 451	Comparative Physiology
BIOL 453	Molecular Control of Metabolism and Metabolic Disease
BIOL 455	Behavioral Neuroscience
BIOL 458	Sensory Neurobiology and Behavior
BIOL 523	Sex Differences in Human Disease
BIOL 544L	 Laboratory in Diseases of the Cytoskeleton
BIOL 545	Exploring Brain, Gut, and Immunity <sup>H</sup>
BIOL 547	Synaptic Plasticity: Analysis of Primary Literature
BIOL 552	Behavioral Endocrinology
BIOL 553	Mathematical and Computational Models in Biology
BIOL 554	Introduction to Computational Neuroscience
BIOL 542	 Light Microscopy for the Biological Sciences
<b>Biomedical Engineering:</b>	
BMME 207	Biomedical Electronics
BMME 301	Human Physiology: Electrical Analysis
BMME 445	Systems Neuroscience
BMME 550	Medical Imaging I: Ultrasonic, Optical, and Magnetic Resonance Systems
<b>Chemistry:</b>	
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>
<b>Computer Science:</b>	

COMP 110	 Introduction to Programming and Data Science <sup>H</sup>
or COMP 111 (Introduction to Scientific Programming)	
COMP 210	Data Structures and Analysis
COMP 211	Systems Fundamentals
COMP 301	Foundations of Programming
COMP 311	Computer Organization
COMP 283	 Discrete Structures <sup>H</sup>
COMP 555	Bioalgorithms
COMP 560	Artificial Intelligence
COMP 562	Introduction to Machine Learning
COMP 576	Mathematics for Image Computing
COMP 581	Introduction to Robotics <sup>H</sup>
COMP 631	Computer Networks
COMP 633	Parallel and Distributed Computing
COMP 651	Computational Geometry
COMP 665	Images, Graphics, and Vision
<b>Exercise and Sport Science:</b>	
EXSS 155	Human Anatomy and Physiology I
EXSS 175	 Human Anatomy <sup>F</sup>
EXSS 256	Human Anatomy and Physiology II
EXSS 276	Human Physiology
EXSS 380	Neuromuscular Control and Learning
EXSS 580	Neuromechanics of Human Movement
<b>Mathematics:</b>	
MATH 210	 Mathematical Tools for Data Science
MATH 233	 Calculus of Functions of Several Variables <sup>H, F</sup>
MATH 347	Linear Algebra for Applications
MATH 383	First Course in Differential Equations <sup>H</sup>
MATH 523	Functions of a Complex Variable with Applications
MATH 528	Mathematical Methods for the Physical Sciences I
MATH 529	Mathematical Methods for the Physical Sciences II
MATH 535	Introduction to Probability
MATH 553	Mathematical and Computational Models in Biology
MATH 555	Introduction to Dynamics
MATH 564	Mathematical Modeling in the Life Sciences
MATH 566	Introduction to Numerical Analysis
MATH 577	Linear Algebra
MATH 661	Scientific Computation I
MATH 662	Scientific Computation II
MATH 668	Methods of Applied Mathematics I
MATH 669	Methods of Applied Mathematics II
<b>Physics:</b>	
PHYS 133	How Bio Works
PHYS 405	Biological Physics
<b>Statistics and Operations Research:</b>	
STOR 215	 Foundations of Decision Sciences
STOR 415	Introduction to Optimization
STOR 435	Introduction to Probability
STOR 445	Stochastic Modeling

STOR 455	Methods of Data Analysis
STOR 535	Probability for Data Science
STOR 555	Mathematical Statistics
STOR 556	Time Series Data Analysis
STOR 565	Machine Learning

**Total Hours** 15

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Except NSCI 395, NSCI 493, NSCI 693H, and NSCI 694H

## Department Programs

### Majors

- Neuroscience Major, B.S. (p. 839)
- Psychology Major, B.A. (p. 845)
- Psychology Major, B.S. (p. 850)

### Minors

- Cognitive Science Minor (p. 856)
- Neuroscience Minor (p. 856)

### Graduate Programs

- M.A. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)
- Ph.D. in Psychology (<http://catalog.unc.edu/graduate/schools-departments/psychology-neuroscience/>)

## Contact Information

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## Department of Public Policy

### Introduction

UNC Public Policy is an interdisciplinary social science major designed to provide students with the theoretical perspective, analytical skill, and substantive knowledge needed to respond to domestic and global policy challenges. Our mission is to empower students with the knowledge, skills, and experiences to improve the lives of others.

Our faculty have expertise in a wide range of global and domestic policy including education and labor markets, environment and human welfare, innovation and entrepreneurship, science and technology policy, social policy and inequality, health policy, bioethics, and human rights, international development policy, and global conflict and cooperation.

The undergraduate curriculum emphasizes research and experiential learning and includes exposure to multiple disciplinary fields including policy analysis, economics, history, political science, applied philosophy, research design, and statistics.

### Advising

All majors and minors have a primary academic advisor in the Academic Advising Program (<https://advising.unc.edu/>). Students are encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. UNC Public Policy's director of undergraduate studies and student services officer meet with current and prospective students by appointment (see contact information above). For additional information on courses and undergraduate opportunities, see UNC Public Policy's website (<http://publicpolicy.unc.edu/academics/undergraduate-program/>).

### Graduate School and Career Opportunities

The undergraduate major in public policy provides students with conceptual and analytical skills that prepare them for the labor market and graduate school. The integration of a liberal arts education, writing and analytical abilities, and knowledge in a domestic or global policy field prepares students for many career paths. The public policy major can be a foundation for graduate work in a range of social science and professional disciplines, including law, business, education, social work, public health, public policy, public and international affairs, and city and regional planning. Alumni pursue careers in law, education, business,

public policy, and global affairs, working in public, private, and nonprofit sectors.

Public Policy offers a dual bachelor's-graduate (M.P.P.) degree. The M.P.P. degree requires 48 credits. It is possible to complete the requirements for the bachelor's degree and graduate degree within eight semesters and two additional semesters of study (and one summer), respectively. The M.P.P. includes a summer seminar/internship experience. New UNC Graduate School's dual degree policies allow 12 credit hours of double counting/crossover of bachelor's credits and master's credits. Most of the double counting of credits will take place during the second semester of the senior year.

#### Major

- Public Policy Major, B.A. (p. 867)

#### Minor

- Public Policy Minor (p. 873)

#### Professional

- M.P.P. (<http://catalog.unc.edu/graduate/schools-departments/public-policy/>)

#### Graduate Programs

- M.A. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy/>)
- Ph.D. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy/>)

## Professors

Daniel P. Gitterman, Sudhanshu (Ashu) Handa, Douglas L. Lauen, Benjamin M. Meier.

## Associate Professors

Fenaba R. Addo, Steven W. Hemelt, Rebecca Kreitzer, Douglas P. Mackay, Jeremy G. Moulton, Brigitte Seim, Mehdi Shadmehr, Patricia L. Sullivan.

## Assistant Professors

Malissa Alinor, Jiayi Bao, Cassandra Davis, Carmen Gutierrez, Angel Hsu, Abhisekh Ghosh Moullick, Joaquin Rubalcaba.

## Research Professor

Iheoma Iruka.

## Research Associate Professors

Kevin Bastian, Sarah C. Fuller, Simona Goldin, Amber Peterman.

## Research Assistant Professor

Danielle Allen, Evan Johnson, Jillian La Serna.

## Teaching Associate Professors

Anna Krome-Lukens, Jeff Summerlin-Long.

## Teaching Assistant Professors

William Goldsmith, Valoree Hanson, Elizabeth Sasser.

## Professors Emeriti

Richard N.L. Andrews, David D. Dill, Michael A. Stegman.

## Professor of the Practice Emeritus

W. Hodding Carter III.

## PLCY–Public Policy Undergraduate-level Courses

 **PLCY 51. First-Year Seminar: The Global Environment in the 21st Century. 3 Credits.**

This seminar explores linkages among nations, global environmental institutions, and the environmental problems they cause and seek to rectify. The course will examine how global environmental policy is made, with specific attention to the roles of institutions, nations, commercial and nonprofit entities.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

 **PLCY 54. First-Year Seminar: U.S. Immigration. 3 Credits.**


This seminar provides students with an opportunity to discuss current topics in United States immigration. Students will explore theories of migration, acculturation and assimilation, and the ways in which policies influence the well-being of immigrants.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

 **PLCY 55. First-Year Seminar: Higher Education, the College Experience, and Public Policy. 3 Credits.**

This first-year seminar provides an introduction to contemporary policy issues in higher education. Students will discuss challenges to current models of higher education, including accessibility, academic freedom, safety and security, and athletics.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **PLCY 60. First-Year Seminar: Understanding Poverty. 3 Credits.**

Despite major improvements in living standards across the globe, nearly a fifth of the world's population still lives in extreme poverty. This course will examine the key determinants of human material well-being from an interdisciplinary perspective, discuss interventions and policies that can affect poverty including an assessment of market mechanisms, and interpret quantitative data to understand the causes and consequences of human development failures.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.


 **PLCY 61. First-Year Seminar: Policy Entrepreneurship and Public/Private/Non-Profit Partnerships. 3 Credits.**

This seminar will define a policy entrepreneur and examine strategies used by policy entrepreneurs to achieve policy change or innovation in the policy making process. We will also explore models of innovative public-private-non-profit partnerships in the delivery of public goods. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **PLCY 63. First-Year Seminar: Creating Social Value. 3 Credits.**


Where do social entrepreneurs come from? How do they develop their passion for changing the world? Where do they get their motivation? Can anyone become a social entrepreneur? This seminar will look at the history and theory of social change, review the skills, strategies, and ideas of effective change agents and give students the tools to create a blueprint for their ideas for social transformation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, EE- Service Learning, EE- Field Work.

**Grading Status:** Letter grade.


 **PLCY 68. First Year Seminar: Health & Inequality. 3 Credits.**

This course introduces students to the study of health and inequality in the United States. The overarching themes of this course cover topics about population health, the US health care system, and US health and health care policies. In learning these aspects of health, the course also presents a comparative perspective of how health, health care, and health policies in the US differs from those in other countries around the world.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **PLCY 71. First-Year Seminar: Justice and Inequality. 3 Credits.**

This seminar investigates the value of equality, and asks which forms of inequality are unjust and ought to be addressed by governments. Topics include income inequality, political inequality, marriage inequality, racial inequality, and global inequality. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **PLCY 75. First-Year Seminar: Debates in Public Policy and Racial Inequality. 3 Credits.**


Is inequality a policy choice? Students in this course will examine and participate in debates around whether and which policies have the capacity to create, sustain, exacerbate, and/or ameliorate inequalities in the United States.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

 **PLCY 76. First-Year Seminar: Global Health Policy. 3 Credits.**

This course provides students with a variety of opportunities to understand the epidemiologic trends in world health, the institutions of global health governance, and the effects of globalization on global and national health policy. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.


 **PLCY 80. First-Year Seminar: Innovation, Entrepreneurship, and Economic Growth. 3 Credits.**

This seminar provides an introduction to entrepreneurship and innovation and considers their relationship to economic growth. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST.

**Grading Status:** Letter grade.

 **PLCY 81. First Year Seminar: America's Labor Market. 3 Credits.**


The course will familiarize students with the major public policies and movements affecting the American labor market. Students will learn how each of the following impacts the labor market: education, the minimum wage, Social Security, pensions, unions, unemployment insurance, welfare (Temporary Assistance for Needy Families, TANF), income taxes (including the Earned Income Tax Credit, EITC), self-employment, immigration, automation, and the gig economy.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **PLCY 85. First-Year Seminar: Reforming America's Schools. 3 Credits.**


Examines the role of schools and other institutions play in determining life chances, which educational interventions work well for economically and academically disadvantaged students, and what to do when institutions cease to work well. Students will learn how to analyze complex educational public policy problems. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

 **PLCY 87. First-Year Seminar: Education in a Multicultural Society. 3 Credits.**

This course focuses on education in the multicultural society of the United States. It aims to help students develop new understandings of the role and nature of schools and teaching, as well as to construct alternative perspectives on and approaches to examining educational issues. It will study inequality in public education in a way that is place-based, featuring extended opportunities for engaged learning in and around UNC.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER.

**Grading Status:** Letter grade.

**PLCY 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**PLCY 101. Making Public Policy. 3 Credits.**

Overview of the policymaking process and of major public policy issues. Study of policy and political challenges in areas such as economic and tax policy, the social safety net, income support and the minimum wage, health care, education, environment and energy, foreign policy and national security, and homeland security. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 101.

**PLCY 110. Global Policy Issues. 3 Credits.**

Global issues are challenges whose sources, impacts, and solutions extend beyond the borders of any one country. This course introduces students to some of the most pressing issues facing populations around the globe and to possible policy responses. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 110, GLBL 110.

**PLCY 130. Getting It Done: Social Innovation. 1 Credits.**

Workshop open only to students who have received the APPLES Bryan Fellowship. Each fellowship team develops a project's underlying theory of change and the skills necessary for successful implementation. Students study the theories and implementation of one another's projects and external case studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**PLCY 190. Selected Topics in Public Policy. 1-3 Credits.**

Selected topics in public policy.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLCY 195. Research in Public Policy. 1-6 Credits.**

Permission of the instructor. Undergraduate research in public policy.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PLCY 196. Independent Study/Reading in Public Policy. 1-6 Credits.**

Supervised study for students interested in public policy.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PLCY 210. Policy Innovation and Analysis. 3 Credits.**

There is a need to define innovative solutions to public policy problems, to provide analysis of different alternatives, and to create a plan that would benefit the largest number of stakeholders. This course focuses on the process of constructing, evaluating, and deciding among alternatives based on their ability to satisfy society's goals. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**PLCY 220. The Politics of Public Policy. 3 Credits.**

Examines approaches to American politics and public policy and analyzes why government responds to problems in predictable ways. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** PWAD 220.

**PLCY 231. Why History Matters to Public Policy. 3 Credits.**

This course explores the uses of history and historical perspectives for public policy. Students will learn how historical processes have shaped today's public policies and examine how the origins and development of a policy can inform current policy decisions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**Same as:** HIST 230.


**PLCY 290. Special Topics in Public Policy. 3 Credits.**

Special topics in public policy for undergraduates.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **PLCY 291. Undergraduate Learning Assistant Practicum. 1-3 Credits.**

This course is for students selected as Undergraduate Learning Assistants (ULAs) for public policy courses. During the semester they serve as ULAs. This course will provide support and structure to make them effective in their role, including training in pedagogy and University policies; ongoing mentorship and supervision; opportunities to reflect; and assessment and evaluation. May not count toward the major or minor in public policy. Permission of the instructor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Repeat Rules:** May be repeated for credit. 9 total credits. 9 total completions.

**Grading Status:** Pass/Fail.

 **PLCY 293. Internship in Public Policy. 3 Credits.**

Permission of the instructor. For public policy majors and minors. Offers students the opportunity to integrate and apply academic knowledge and skills by assuming active roles in nonprofit, nongovernmental, or government organizations. Under supervision of a mentor, students gain valuable knowledge that prepares them for the labor market after graduation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisite, at least one PLCY course.

**Grading Status:** Pass/Fail.

**PLCY 296. Independent Study/Reading in Public Policy. 1-6 Credits.**

Permission of the instructor. Independent reading/study in public policy.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PLCY 305. Communicating Under Pressure: Tools for Effective Communication. 3 Credits.**

Whether raising awareness of issues, building stakeholder coalitions, or advocating policy change, addressing public policy problems requires effective communication. Students will learn and practice cognitive, vocal, and physical skills to enhance communication under stressful conditions like high stakes meetings, negotiations and mediations, or public presentations. Emphasis on exercises that give "soft" skills harder edges so they can be developed and reliably utilized.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**PLCY 310. Microeconomic Foundations of Public Policy. 3 Credits.**

This course allows students to enhance their working knowledge of microeconomic theory, explore microeconomic theory as a methodology to solve policy problems, understand market failures and the role of collective action in markets, apply economic models to a variety of policy situations, and evaluate and critique economic analyses. Previously offered as PLCY 410.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**PLCY 326. Social Entrepreneurship. 3 Credits.**

Examines students' knowledge and understanding of social entrepreneurship as an innovative approach to addressing complex social needs. Affords students the opportunity to engage in a business planning exercise designed to assist them in establishing and launching a social purpose entrepreneurial venture. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ECON 326, PLAN 326.

 **PLCY 340. Justice in Public Policy. 3 Credits.**

This seminar explores arguments about moral issues in public policy. Students examine both the means used to implement policies and policy ends through discussions of case studies of policy choice. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PLCY 345. Buying Influence: Interest Groups and Public Policy. 3 Credits.**

Students will gain an understanding of the role interest groups play in American public policy and how that role has shifted over time. The course emphasizes the role of interest groups in four policy areas: civil rights, the environment, social policy, and campaign finance.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** POLI 345.

**PLCY 349. Immigration Policy in the 21st Century. 3 Credits.**

The objective of this course is to enhance students' understanding of the causes and consequences of United States immigration within a social, historical, political, and economic context.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**PLCY 352H. Honors Seminar on Public Policy and Global Affairs. 3 Credits.**

This is a graded seminar course that focuses on a study of domestic and international affairs within the United States policy-making process. This seminar is taught in Washington, DC. Students must apply for this program with UNC Study Abroad.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLCY 353H. The Role of Experts and Advocates in Solving Public Policy and Global Challenges. 3 Credits.**

This is a graded seminar course that focuses on the role of policy experts (and advocates) in addressing domestic and global challenges. This seminar is taught in Washington, DC. Students must apply for this program with UNC Study Abroad.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLCY 354. The Lived Experience of Inequality and Public Policy. 3 Credits.**

The course will explore the gap between public policy and the lived experiences of and reactions from constituents. Students will explore this gap by studying the development of twentieth-century public policy, examining the differing outcomes across groups, and the contemporary impact on housing, voting, education, and policing.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** AAAD 354.

**PLCY 355. Restorative Justice. 3 Credits.**

Students will explore the Restorative Justice movement in the United States. Local advocates from indigenous communities and racial equity initiatives will present and participate in this class. Students will have opportunities to understand the success and limitation of Restorative Justice in prisons, schools, and communities and will develop an understanding of how racism underpins systemic injustice.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Grading Status:** Letter grade.

**PLCY 360. State and Local Politics. 3 Credits.**

A range of public policy topics at the state and local level.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**PLCY 361. Health Policy in the United States. 3 Credits.**

An analysis of the evolution of American health policy with special emphasis on current health care finance and delivery challenges.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**PLCY 362. Ethics and Food Policy. 3 Credits.**

If you eat, you are impacted by federal, state, and local food policies. These policies are, in turn, shaped by values. This course examines the ethical perspectives that underpin different approaches to food policy, including food labeling, nutrition assistance, agricultural subsidies, and responses to food deserts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**PLCY 364. Ethics and Economics. 3 Credits.**

Recommended preparation, at least one course in ethics (PHIL 160, 163, or 170) or one course in economics. Issues at the intersection of ethics and economics, including value; the relation between values and preferences; rationality; the relevance to economics of rights, justice, and the value of human life.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**Same as:** PHIL 364.

**PLCY 365. Sexuality, Gender, and Public Policy. 3 Credits.**

Public policies affect men and women differently, and they participate differently in the policy-making process. This course examines several key areas of public policy, some expressly related to gender or sexuality and others that have significantly gendered impacts, organized around four themes: family, labor, body, and the world.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** WGST 365.

**PLCY 371. Energy Policy. 3 Credits.**

This course will provide an overview of some of the most challenging energy issues of the 21st century and will cover the tools and perspectives necessary to analyze those problems.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ENEC 371.

**PLCY 372. Global Environment: Policy Analysis and Solutions. 3 Credits.**

Explores linkages among nations, global environmental institutions, and the environmental problems they cause and seek to rectify. Introduces pressing challenges of the global environment such as China and India's energy and climate policies, the environmental impacts of coal, nuclear energy, shale gas and fracking, and marine pollution. Discusses perspectives of nations, the role of financial markets and NGOs, and the international community involved in crafting policy solutions.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ENEC 372.

**PLCY 373. Confronting Climate Change in the Anthropocene. 3 Credits.** Climate change-perhaps the defining issue of the 21st century-is a highly complex problem that requires interdisciplinary collaboration to develop policy responses. This course explores the science of climate change and uses theories from multiple disciplines, including law, political science, economics, and earth and atmospheric sciences, to frame solutions to this global challenge. Students will apply quantitative and qualitative tools to understand causes and impacts of climate change, as well as policy responses.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 373.

**PLCY 375. Law and Public Policy. 3 Credits.**

Law is one of the main technologies of action of individuals and of the American state. This seminar offers useful ways of thinking about the relationship between law and public policy.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**PLCY 390. Special Topics in Public Policy. 1-3 Credits.**

Special topics in public policy for undergraduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

 **PLCY 393. Public Policy Clinic. 3 Credits.**

Permission of the instructor. The clinic offers students the opportunity to apply their academic knowledge by collaborating with local nonprofits and governmental agencies. Under faculty guidance, students identify, explore, and recommend solutions for real-world public policy problems while developing skills in team building and professional leadership.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

 **PLCY 394. The Intersector. 3 Credits.**

Permission of the instructor. This course aims to empower undergraduates to explore ways that local public, private, and non-profit sectors collaborate to address problems that cannot be solved by one sector alone. Students will utilize the Intersector toolkit to gain an understanding of how to diagnose, design, implement, and assess successful cross sector collaborations.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

 **PLCY 395. Research in Public Policy. 1-6 Credits.**

Permission of the instructor. Research in public policy for undergraduates. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**PLCY 396. Independent Study/Reading in Public Policy. 1-6 Credits.**

By special arrangement and permission of the instructor. Independent reading in public policy.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

**PLCY 425. Risks, Shocks, and the Safety Net. 3 Credits.**

Many risks and shocks can make individuals and families vulnerable to economic hardship. This course examines America's social policy regime through a wide-ranging investigation of the origins, development, and future of critical features of our social safety net. We pay particular attention to challenges emerging in the era of globalization.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**PLCY 430. Analysis of National Security Policy. 3 Credits.**

Course explores contemporary threats to national security, approaches to national security strategy, policy instruments, the role of military force, and the policy-making process.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 430, POLI 430.

**PLCY 435. Designing for Impact: Social Enterprise Lab. 3 Credits.**

Focuses on the entrepreneurial process to solve social or environmental issues. Using modern methods and tools, students engage in experiments to test hypotheses around problem definition, opportunity recognition and solutions. Experience gained in this course enable students to launch their own social enterprise or join social enterprises in progress.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Field Work.

**Grading Status:** Letter grade.



 **PLCY 450. Internal and Interpersonal Conflict Management. 3 Credits.**

This course aims to provide students with the tools necessary to most effectively engage in interpersonal conflicts. Students engage with diverse conflict management practitioners—from formally incarcerated individuals to public policy negotiation to international conflict mediators and role-play cross-cultural communication, inter-governmental negotiations, human rights, and workplace negotiations. Students will learn new negotiation and mediation skills, build upon existing ones, and learn to cope with stress, discomfort, and emotions when in conflict. Previously offered as PLCY/PWAD 330.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**Same as:** PWAD 450.

 **PLCY 460. Quantitative Analysis for Public Policy. 4 Credits.**

Application of statistical techniques, including regression analysis, in public policy program evaluation, research design, and data collection and management. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**PLCY 475. The Political Economy of Food. 3 Credits.**


This course examines the political and economic dimensions of the food we eat, how it is produced, who eats what, and related social and environmental issues, both domestic and international, affecting the production, pricing, trade, distribution, and consumption of food. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** ENEC 475.

 **PLCY 483. Natural Disasters, Inequality, and Public Policy. 3 Credits.**

Growing research shows that socially marginalized communities are disproportionately more at risk from environmental hazards and thus unable to recover fully. This course is designed to introduce students to natural disasters, their impact on marginalized populations, and the policies that help or hurt communities from recovering. We will also address topics of systemic racism, equity, and think critically about terms such as vulnerability and resiliency to determine their applicability in the 21st century.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**PLCY 485. Poverty, Health, and Human Development in Low Income Countries. 3 Credits.**

This course provides an understanding of how poverty is defined, the consequences of poverty, and policies to reduce poverty. It explores the determinants of human development outcomes from an interdisciplinary perspective (with a heavy economics focus).

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**Same as:** AAAD 401.

**PLCY 490. Special Topics in Public Policy. 3 Credits.**

Special topics in public policy for undergraduate and graduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **PLCY 493H. Internship in Public Policy and Global Affairs. 1-6 Credits.**

This course offers students an opportunity to reflect upon and enhance their internship experience. The external internship must be designed to allow the student to do policy-relevant research, policy analysis, program evaluation, and/or policy advocacy under the supervision of a mentor at a nonprofit, nongovernmental, or governmental organization (students will not receive credit for any partisan or campaign-based internship, regardless of their duties).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Grading Status:** Letter grade.

**PLCY 496. Independent Study/Reading in Public Policy. 1-6 Credits.**

By special arrangement and permission of the instructor. Independent reading in public policy.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

 **PLCY 505. Data Science for Public Policy and Decision Making. 4 Credits.**

To introduce advanced undergraduates and graduate students to the three basic purposes of data science: to describe the social world, to make predictions for policy planning, and to establish causal relationships. The focus of the course will be on examples and applications rather than statistical and mathematical foundations, but will require hands-on computer programming and data analysis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** SS, QR.

**Requisites:** Prerequisite, PLCY 460, or equivalent.

**Grading Status:** Letter grade.

**PLCY 527. Applied Public Finance. 3 Credits.**

This course provides a foundation in public finance theory and applications. Students learn to analyze taxation policies and expenditures on income redistribution, programs for the poor (e.g., TANF), and social insurance programs (e.g., Social Security). Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 310 or 410, or PLCY 410 or 788.

**Grading Status:** Letter grade.

 **PLCY 530. Educational Problems and Policy Solutions. 3 Credits.**

Reviews current debates and policy solutions in education. Topics analyzed through three of the most commonly used evaluative criteria: equity, efficiency, and effectiveness. Topics: equality of educational opportunity, racial segregation, the black-white test score gap, school choice, and the use of incentives to promote increased performance. Lecture, case studies, discussion. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**PLCY 540. Racial Wealth Inequality and Public Policy. 3 Credits.**

This course critically examines the causes, consequences of racial wealth inequality and social policies to address these disparities. More specifically, we will examine the merits and limitation of various paradigms aimed at explaining these persistent disparities, explore how economic inequality is affected by race, systemic racism, and sociodemographic factors (education, gender, marriage) and identify evidence-based policy options and proposals for reducing wealth inequality.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**PLCY 565. Global Health Policy. 3 Credits.**

Coursework will focus on public policy approaches to global health, employing interdisciplinary methodologies to understand selected public health policies, programs, and interventions. For students who have a basic understanding of public health.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**Same as:** HPM 565.

**PLCY 570. Health and Human Rights. 3 Credits.**

Course focuses on rights-based approaches to health, applying a human rights perspective to selected public health policies, programs, and interventions. Students will apply a formalistic human rights framework to critical public health issues, exploring human rights as both a safeguard against harm and a catalyst for health promotion.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**Same as:** HPM 571.

**PLCY 575. Innovation, Science, and Public Policy. 3 Credits.**

Introduction to analysis of science policy. Course explores how events transformed science's role in American life and how science relates to industry and economic development. Topics include the mechanisms of allocating scientific resources, the commercialization of academic discoveries, regulating emerging technology, and achieving consensus on controversial scientific issues.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **PLCY 581. Research Design for Public Policy. 3 Credits.**

Students will explore the scientific method as applied to policy research. They will formulate testable policy research questions, become familiar with methods for conducting policy research, and learn to think critically about causal inference. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING, RESEARCH.

**Requisites:** Pre- or corequisite, PLCY 460.

**Grading Status:** Letter grade.

**PLCY 590. Special Topics in Public Policy. 3 Credits.**

Special topics for undergraduate and graduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**PLCY 596. Independent Study/Reading in Public Policy. 1-6 Credits.**

Permission of the instructor. Independent reading in public policy.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PLCY 690. Special Topics in Public Policy. 3 Credits.**

Special topics for graduate or undergraduate students.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **PLCY 691H. Honors in Public Policy. 3 Credits.**

Permission of the instructor. In preparing their honors theses, students will formulate a testable policy research question, design a study to answer this research question, and learn to think critically about causal inference.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Requisites:** Prerequisites, PLCY 460 and 581.

**Grading Status:** Letter grade.

**PLCY 692H. Honors in Public Policy. 3 Credits.**

Permission of the instructor. For senior public policy majors. Directed research for the honors thesis. Students may only receive credit for one semester of this course. An application for enrollment must be completed by the student and approved by the director of the public policy honors program.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Requisites:** Prerequisite, PLCY 691H.

**Grading Status:** Letter grade.

**PLCY 696. Independent Study/Reading in Public Policy. 1-6 Credits.**

Permission of the instructor. Independent reading in public policy.

**Rules & Requirements**

**Grading Status:** Letter grade.

**PLCY 698. Senior Capstone in Public Policy. 4 Credits.**

Students apply knowledge and skills gained in the major to a real-world policy problem. In small teams, students produce actionable, client-centered, public policy analysis for a government agency or nonprofit organization. Students also develop skills in team work, leadership, communication, professional etiquette, and time management.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE, COMMBEYOND.

**Making Connections Gen Ed:** CI, EE- Mentored Research, NA.

**Requisites:** Prerequisite, PLCY 460; Pre- or corequisite, PLCY 581.

**Grading Status:** Letter grade.

## Contact Information

**Department of Public Policy**

Visit Program Website (<http://publicpolicy.unc.edu>)

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## Public Policy Major, B.A.

The core curriculum in public policy includes courses on policy innovation and analysis, politics of public policy, applied philosophy, applied economics, research design, and statistics. Our experiential education (EE) courses develop students' teamwork, leadership, and communication skills as they produce actionable, client-centered research. UNC Public Policy offers multiple courses on global and domestic policy including courses on education, immigration, the environment, health and human rights, and history and public policy.

The mission of UNC Public Policy is to empower students with the knowledge, skills, and experience to improve the lives of others.

### Knowledge

Students think and learn across academic disciplines with a diverse faculty with degrees in business, economics, history, law, philosophy, political science, public policy, sociology, and sociomedical sciences.

### Skills

Students gain an ability to think critically and independently; to write, reason, and communicate clearly; and to develop research methods and quantitative analysis skills.

### Experience

Students apply knowledge and skills in real world environments beyond the classroom. Students in UNC Public Policy's clinic, internship, and capstone courses address contemporary policy challenges by providing innovative analysis to clients in the nonprofit and public sector.

## Student Learning Outcomes

Upon completion of the public policy program, students should be able to:

- Demonstrate knowledge of economic, normative, and political perspectives for defining the public interest and evaluating policy choices
- Demonstrate written, oral, and analytical skills in evaluating public policy alternatives
- Demonstrate knowledge of a particular policy subfield and apply it in an experience in policy analysis in that field
- Demonstrate skills in developing approaches to solving current public policy problems as a result of participation in experiential education opportunities
- Work effectively in teams



## Requirements







In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

First-year and sophomore students considering a major in public policy are encouraged to complete PLCY 101 or PLCY 110.

Code	Title	Hours
<b>Core Requirements</b>		
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3
PLCY 220	 The Politics of Public Policy <sup>H</sup>	3
PLCY 340	 Justice in Public Policy <sup>H</sup>	3

PLCY 310	Microeconomic Foundations of Public Policy (formerly PLCY 410)	3
or ECON 410	 Intermediate Microeconomics	
PLCY 460	 Quantitative Analysis for Public Policy <sup>2,3, H</sup>	4
PLCY 581	 Research Design for Public Policy <sup>2, H</sup>	3
PLCY 698	 Senior Capstone in Public Policy <sup>2</sup>	3-4
or PLCY 692H	 Honors in Public Policy	
At least six credit hours of approved public policy electives. <sup>1</sup>		6
<b>Additional Requirements</b>		
ECON 101	 Introduction to Economics <sup>2, H, F</sup>	4
Policy Field (optional), see list below		
<b>Total Hours</b>		<b>32-33</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Three credit hours may be for a 100- or 200-level PLCY course. The remaining three credit hours must be for an elective course at the 300 level or above. PLCY 130, PLCY 291, PLCY 293, PLCY 393, and PLCY 394 may not count as electives for the public policy major.

<sup>2</sup> ECON 101 is a prerequisite for PLCY 310 and ECON 410. PLCY 460 is a prerequisite for PLCY 698 and PLCY 691H and a pre- or co-requisite for PLCY 581. PLCY 581 is a prerequisite for PLCY 691H and a pre- or co-requisite for PLCY 698.

<sup>3</sup> Alternatively, students may use a combination of either of the following pairs of courses to fulfill this requirement: (a) ECON 400 and ECON 470 or (b) ECON 400 and ECON 570.

## Policy Field (Optional)

Students who complete three approved electives (nine credit hours) in a specific policy field may elect to graduate with a concentration. Six of these credit hours must be for field courses at the 300 level or above. PLCY 393 and PLCY 394 may not count toward the field concentration. For students completing an honors thesis, PLCY 691H can count toward the policy field concentration. Policy field concentrations include education and labor markets; environment and human welfare; innovation and entrepreneurship/science and technology policy; social policy and inequality; health policy; bioethics and human rights; international development policy; global conflict and cooperation.

Additionally, students may select courses across subfields and design their own field. For information about declaring a policy field concentration see the department's Web site (<https://publicpolicy.unc.edu/academics/undergraduate-program/faq/>). The specific policy field is not listed on students' diplomas or transcripts. UNC-Chapel Hill public policy majors are encouraged to list their policy field on their résumés.







## Program Restrictions

A maximum of one three-credit independent study course (PLCY 395, PLCY 396, PLCY 496, PLCY 596, or PLCY 696) may be counted as an elective for the policy major. For credit toward the major, an independent study proposal form must be completed by the student, approved by the independent study instructor, submitted to the student services officer, and approved by the director of undergraduate studies before the independent study begins. A maximum of one three-credit transfer or study abroad course or two Honors Seminar on Public Policy and Global Affairs courses (PLCY 352H; PLCY 353H) may be counted as electives toward the public policy major.

## Public Policy Elective Course List

### Public Policy Elective Course List

The following courses satisfy the electives requirement and optional policy field concentration. Please note that some of these courses may have enrollment restrictions, including being restricted to students enrolled in certain majors or minors. Please check for enrollment restrictions before trying to enroll:

Code	Title	Hours
Any PLCY course at the 100 level or above, except PLCY 130, PLCY 291, PLCY 293, PLCY 393, or PLCY 394		
AAAD 307	21st-Century Scramble for Africa	3
AAAD/POLI 333	 Race and Public Policy in the United States	3
AAAD 488	 Human Rights and Democracy in African Diaspora Communities	3
AAAD 485	 Transnational Black Feminist Thought and Practice	3
AMST 390	Seminar in American Studies	3
AMST 486	Shalom Y'all: The Jewish Experience in the American South	3
ANTH 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3
ANTH 318	 Human Growth and Development	3
ANTH 319	 Global Health	3
ANTH 350	Anthropology of the State, Civil Society, and Politics	3
ANTH 355	 Life, Society and Work in the Globalized City	3
ANTH 360	Latin American Economy and Society	3
ANTH 377	European Societies	3
ANTH 380	Anthropological Perspectives on Cultural Diversity	3
ANTH 422	Anthropology and Human Rights	3
ANTH 429	 Culture and Power in Southeast Asia	3
ANTH 439	 Political Ecology	3
ANTH 441	The Anthropology of Gender, Health, and Illness	3
ANTH 460	Historical Ecology	3
ANTH 470	Medicine and Anthropology	3
ANTH 502	Globalization and Transnationalism	3
ANTH 537	Gender and Performance: Constituting Identity	3
ANTH 585	Anthropology of Science	3
BUSI 404	Business Ethics	1.5

BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior	3	EDUC 401	 Childhood Development: Prenatal Birth to Age 12	3
BUSI 500	Entrepreneurship and Business Planning <sup>H</sup>	3	EDUC 441	Education in American Society	3
BUSI 503	Family Business I: Introduction to Family Enterprise	1.5	EDUC 506	 Politics, Policymaking, and America's Schools	3
BUSI 504	Launching the Venture	1.5	EDUC 521	Schools, Cultures, and Communities I: Youth	3
BUSI 506	Entrepreneurial Strategy: How to Think Like a Venture Capitalist	3	EDUC 533	 Social Justice in Education	3
BUSI 512	Family Business II: Governance and Ownership	1.5	EDUC 535	Teachers and Schools	3
BUSI 610	Global Environment of Business	3	ENGL 164	 Introduction to Latina/o Studies <sup>H</sup>	3
BUSI 611	International Development	3	ENGL 279	Migration and Globalization	3
COMM 312	Persuasion	3	ENEC 463	 Corporate Environmental Stewardship	3
COMM 325	 Introduction to Organizational Communication <sup>H</sup>	3	ENEC 307	Energy and Material Flows in the Environment and Society	3
COMM 372	The Rhetoric of Social Movements	3	ENEC 308	Environmental History	3
COMM 375	Environmental Advocacy	3	ENEC 309	Environmental Values and Valuation	3
COMM 376	The Rhetoric of War and Peace	3	ENEC 330	Principles of Sustainability	3
COMM 470	Political Communication and the Public Sphere	3	ENEC 350	 Environmental Law and Policy	3
COMM 521	Communication and Social Memory	3	ENEC 351	Coastal Law and Policy	3
COMM 524	 Gender, Communication, and Culture	3	ENEC 352	Marine Fisheries Ecology	3
COMM 525	Organizational Communication	3	ENEC 370	Agriculture and the Environment <sup>H</sup>	3
COMM 571	Rhetorical Theory and Practice	3	ENEC 462	Ecosystem Management	3
COMM 572	Public Policy Argument <sup>H</sup>	3	ENEC 474	Sustainable Coastal Management	3
COMM 574	War and Culture	3	ENEC 586	Water Quality Policies and Planning	3
COMM 575	Presidential Rhetoric	3	ENEC 685	Environmental and Resource Economics	3
COMM 576	Making and Manipulating "Race" in the United States	3	ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3
COMM 624	 Hate Speech	3	ENEC/ENVR 470	Environmental Risk Assessment	3
COMM 625	 Communication and Nonprofits in the Global Context	3	ENEC/ENVR 585	American Environmental Policy	3
COMM 652	Media and Difference	3	ENEC/ENVR/PLAN/PLCY 686	Policy Instruments for Environmental Management	3
ECON 320	Macroeconomics: Theory and Policy	3	ENEC/PHIL 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics	3
ECON 325	Entrepreneurship: Principles, Concepts, Frameworks, and Fluency <sup>H</sup>	3	ENVR 600	Environmental Health	3
ECON 345	 Public Policy Toward Business	3	GEOG 281	Ethnographies of Globalization: From 'Culture' to Decolonization	3
ECON 363	International Economics from the Participant's Perspective	3	GEOG 370	 Introduction to Geographic Information	3
ECON 380	The Economics of Labor Relations	3	GEOG 391	Quantitative Methods in Geography	3
ECON 423	Financial Markets and Economic Fluctuations <sup>H</sup>	3	GEOG 414	 Climate Change	3
ECON 430	Economic Development of the United States	3	GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
ECON 440	Analysis of Public Finance	3	GEOG 423	Social Geography	3
ECON 445	Industrial Organization	3	GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
ECON 450	Health Economics: Problems and Policy	3	GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3
ECON 454	Economics of Population	3	GEOG 435	 Global Environmental Justice	3
ECON 455	Environmental Economic Theory	3	GEOG 446	Geography of Health Care Delivery	3
ECON 460	 International Economics	3	GEOG 447	Gender, Space, and Place in the Middle East	3
ECON 465	 Economic Development	3	GEOG 448	Transnational Geographies of Muslim Societies	3
ECON 480	Labor Economics	3	GEOG/ENEC 451	 Population, Development, and the Environment	3
ECON 511	Advanced Game Theory in Economics <sup>H</sup>	3	GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
ECON 586	Economics and Life: Applying Economics to Life's Big Questions	3			

GEOG 458	Urban Latin America: Politics, Economy, and Society	3	MNGT 412	Social Stratification	3
GEOG 460	 Geographies of Economic Change	3	MNGT 415	Economy and Society	3
GEOG 470	 Political Ecology: Geographical Perspectives	3	MNGT 427	 The Labor Force	3
GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3	PHIL 364	 Ethics and Economics	3
GEOG 491	Introduction to GIS	3	PHIL 370	 Authority, Freedom, and Rights: Advanced Political Philosophy	3
GEOG 541	GIS in Public Health	3	PHIL 384	 Gateway to Philosophy, Politics, and Economics H	3
GEOG 542	Neighborhoods and Health	3	PHIL 473	American Political Philosophy	3
GLBL 382	Latin American Migrant Perspectives: Ethnography and Action	3	PHIL 480	Philosophy of Law	3
GLBL 390	Current Topics in Global Studies	3	PHIL 698	 Philosophy, Politics, and Economics: Capstone Course	3
HIST 238	 The American Revolution, 1763-1815	3	PLAN 330	Principles of Sustainability	3
HIST 365	The Worker and American Life	3	PLAN 574	Political Economy of Poverty and Inequality	3
HIST 385	 African American Women's History	3	PLAN 585	American Environmental Policy	3
HIST 510	Human Rights in the Modern World <sup>H</sup>	3	PLAN 636	Urban Transportation Planning	3
HIST 566	The History of Sexuality in America	3	PLAN 637	Public Transportation	3
HIST 568	Women in the South	3	PLAN 641	Watershed Planning	3
HIST 577	United States Foreign Relations in the 20th Century	3	PLAN 651	Urban Form and the Design of Cities	3
HIST 584	The Promise of Urbanization: American Cities in the 19th and 20th Centuries	3	PLAN 685	Water and Sanitation Planning and Policy in Less Developed Countries	3
HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3	POLI 400	Executive Politics	3
HPM 310	Introduction to Health Law and Ethics	3	POLI 401	Political Economy I: The Domestic System	3
HPM 330	Introduction to Health Organization Leadership, Management, and Behavior	3	POLI 406	State Governments: Laboratories of Democracy	3
HPM 340	Foundations of Health Care Financial Management	3	POLI 410	The Constitution of the United States	3
HPM 350	Introduction to the U.S. Health System I	3	POLI 411	Civil Liberties under the Constitution <sup>H</sup>	3
HPM 351	Politics, Public Health, and Health Policy	3	POLI 412	United States National Elections <sup>H</sup>	3
HPM 352	Introduction to the U.S. Health System II	3	POLI 416	Constitutional Policies and the Judicial Process	3
HPM 435	Marketing for Not-for-Profit Organizations	3	POLI 418	Mass Media and American Politics	3
INLS 382	Information Systems Analysis and Design	3	POLI 419H	Race and Politics in the Contemporary United States	3
INLS 515	Consumer Health Information	3	POLI 420	Legislative Politics <sup>H</sup>	3
MASC 310	Our Changing Planet: Science, Social Impacts, Solutions	3	POLI 431	African Politics and Societies	3
MASC 314	 Earth Systems in a Changing World	3	POLI 433	Politics of the European Union <sup>H</sup>	3
MEJO 340	Introduction to Media Law: Journalism Focus	3	POLI 434	Politics of Mexico	3
MEJO 441	Diversity and Communication	3	POLI 438	 Democracy and International Institutions in an Undivided Europe	3
MEJO 442	Gender, Class, Race, and Mass Media	3	POLI 442	 International Political Economy	3
MEJO 443	Latino Media Studies	3	POLI 443	American Foreign Policy: Formulation and Conduct	3
MEJO 445	Media Effects on Audiences	3	POLI 444	 Terrorism and International Peace	3
MEJO 446	 Global Communication and Comparative Journalism	3	POLI 457	International Conflict Processes	3
MEJO 458	Southern Politics: Critical Thinking and Writing	3	POLI 470	Social and Political Philosophy <sup>H</sup>	3
MEJO 541	Economics Reporting	3	POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3
MEJO 560	Environmental and Science Journalism <sup>H</sup>	3	PSYC 465	Poverty and Development	3
MEJO 652	Digital Media Economics and Behavior <sup>H</sup>	3	PSYC 467	The Development of Black Children	3
MNGT 345	 Public Policy Toward Business	3	PSYC 469	Evolution and Development of Biobehavioral Systems	3
MNGT 365	The Worker and American Life	3	PSYC 471	The Study of Adolescent Issues and Development	3
MNGT 380	The Economics of Labor Relations	3	PSYC 500	Developmental Psychopathology	3
MNGT 410	 Formal Organizations and Bureaucracy	3	PSYC 502	 Psychology of Adulthood and Aging	3
			PSYC 504	Health Psychology	3

PSYC 512	Popularity, Friendship, and Peer Relations	3
PSYC 514	Mania and Depression	3
PSYC 530	Design and Interpretation of Psychological Research	3
PSYC 531	Tests and Measurement	3
PSYC 532	Quantitative Psychology <sup>H</sup>	3
PSYC 561	Social Cognition <sup>H</sup>	3
PSYC 565	Stereotyping, Prejudice, and Discrimination	3
PSYC 601	Psychology and Law	3
PWAD 250	Introduction to Peace and Security Studies	3
PWAD 368	War and American Society to 1903	3
PWAD 416	Constitutional Policies and the Judicial Process	3
PWAD 443	American Foreign Policy: Formulation and Conduct	3
PWAD 444	Terrorism and International Peace	3
PWAD 453	Political Geography	3
PWAD 460	International Economics	3
PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
PWAD 574	War and Culture	3
PWAD 575	Presidential Rhetoric	3
PWAD 577	United States Foreign Relations in the 20th Century	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
STOR 305	Introduction to Decision Analytics	3
STOR 358	Sample Survey Methodology	4
STOR 415	Introduction to Optimization	3
STOR 455	Methods of Data Analysis	3
SOCI 410	Formal Organizations and Bureaucracy	3
SOCI 412	Social Stratification	3
SOCI 415	Economy and Society	3
SOCI 418	Contemporary Chinese Society	3
SOCI 420	Political Sociology	3
SOCI 422	Sociology of Mental Health and Illness	3
SOCI 423	Sociology of Education, Experiential Education	3
SOCI 424	Law and Society	3
SOCI 425	Family and Society, Junior/Senior Section	3
SOCI 426	Sociology of Education	3
SOCI 427	The Labor Force	3
SOCI 431	Aging	3
SOCI 444	Race, Class, and Gender	3
SOCI 468	United States Poverty and Public Policy	3
SOCI 469	Health and Society	3
SPHG 350H	Introduction to Public Health	3
WGST 368	Women of Color in Contemporary United States Social Movements	3
WGST 388	The International Politics of Sexual and Reproductive Health	3
WGST 410	Comparative Queer Politics	3

WGST 610	Feminism, Sexuality, and Human Rights	3
WGST 662	Gender Issues in Planning and Development	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year		Hours
<b>First-Year Foundations Courses</b>		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
or ENGL 105I	or  English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
ECON 101	Introduction to Economics <sup>H, F</sup>	4
PLCY 101	Making Public Policy (Optional, elective credit) <sup>H</sup>	3
or PLCY 110	or  Global Policy Issues	
<b>Hours</b>		<b>18</b>
<b>Sophomore Year</b>		
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3
PLCY 220	The Politics of Public Policy <sup>H</sup>	3
PLCY 340	Justice in Public Policy <sup>H</sup>	3
STOR 155	Introduction to Data Models and Inference (Strongly recommended) <sup>F</sup>	3
<b>Hours</b>		<b>12</b>
<b>Junior Year</b>		
PLCY 460	Quantitative Analysis for Public Policy <sup>2, H</sup>	4
PLCY 581	Research Design for Public Policy (PLCY 460 is a co- or prerequisite) <sup>H</sup>	3
PLCY 310	Microeconomic Foundations of Public Policy	3
or ECON 410	or  Intermediate Microeconomics	
<b>Hours</b>		<b>10</b>
<b>Senior Year</b>		
PLCY 698	Senior Capstone in Public Policy <sup>1</sup>	4

Elective credit at 300 level or above	3
<b>Hours</b>	<b>7</b>
<b>Total Hours</b>	<b>47</b>

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> or PLCY 691H and PLCY 692H.

<sup>2</sup> or ECON 400 and ECON 470, or ECON 400 and ECON 570.

## Special Opportunities in Public Policy Undergraduate Research

Most courses in public policy include a research component. The Office for Undergraduate Research maintains a database of courses that qualify as research intensive, research exposure, and research methods courses. Earning a grade of C or better in any of these courses partially fulfills the requirements for the Carolina Research Scholar designation. In addition, the department offers opportunities for students to work directly with a faculty member on a research project through independent study. The honors thesis process enables students to undertake a major independent policy research project. The Duncan MacRae Jr. Public Policy Fund provides grants on a competitive basis to public policy majors engaged in mentored research with a public policy faculty member, in policy-relevant independent research, and in honors thesis research in public policy.

## High-Impact/Experiential Education

UNC Public Policy's experiential education programs offer students structured, active-learning opportunities that invite them to integrate and apply their academic knowledge and skills in a real-world policy environment. Opportunities include internships, the Honors Seminar on Public Policy and Global Affairs in Washington D.C. (PLCY 352H and PLCY 353H), the public policy clinic (PLCY 393), the intersector (PLCY 394), and the public policy capstone course (PLCY 698). PLCY 130, PLCY 293, PLCY 393, PLCY 691H, PLCY 692H, and PLCY 698 are all approved as experiential education courses.

For more information, see the department's website (<http://publicpolicy.unc.edu/academics/experiential-education/>).

## Capstone Course

The capstone course (PLCY 698) is the culminating experience of the public policy undergraduate major and is required for all seniors except those who complete an honors thesis. Students should register for the course in the fall or spring of their senior year. The course provides a bridge between policy analysis as it is studied in an academic setting and policy analysis as it is practiced in the workplace. Students work in small teams to produce actionable, client-centered, public policy analysis for a government agency or nonprofit organization.

## Honors Seminar on Public Policy and Global Affairs in Washington, D.C.

The Honors Seminar on Public Policy and Global Affairs offers Carolina undergraduates a unique learning, living, and internship opportunity in our nation's capital. The seminar offers students first-hand engagement with the actors and organizations that influence domestic and global affairs in Washington, D.C. It aims to expose students to a range of public policies that influence U.S. economic prosperity, national security, and its role in the broader global community. Internship placements provide opportunities for students to apply academic learning, to derive new insights and questions for seminar discussion, and to work directly with substantive policy experts.

## Internships and Public Service

Students may receive academic credit for an approved internship if it provides an academically relevant experience in policy analysis or research. Students who wish to complete an internship with an external organization can do so through PLCY 293 (available to public policy majors and minors). PLCY 293 is a Pass/Fail course. The Duncan MacRae Jr. Public Policy Internship Grant aims to support internship opportunities for public policy majors and to defer some of the costs associated with engaging in unpaid summer internships. The Hodding Carter III Public Service Fellowship supports opportunities for UNC-Chapel Hill public policy majors to engage in public service opportunities in our communities, the American south, the nation, and around the globe. The Thomas W. Ross North Carolina Leaders Fellows Program supports public policy undergraduates pursuing public service opportunities in the State of North Carolina during the summer. The Richard ("Pete") Andrews Fellowship in Environmental Policy supports a student interested in working on environmental policy during the summer or a policy research-related project during the academic year.

## Undergraduate Funding and Awards

Each year UNC Public Policy holds a graduation ceremony to honor students' achievements. The Kathy Taft Education Policy Award recognizes a rising senior majoring in public policy with an interest in and dedication to education policy. The Michael A. Stegman Award for Policy Research and Advocacy is awarded to a graduating public policy major who has demonstrated an ability to use policy research and analysis to advocate for social change and a commitment to play a future role in policy research and advocacy.

## Honors in Public Policy

Public policy majors who have at least a 3.3 overall grade point and a 3.5 in the core public policy courses are eligible to apply to the department's honors program in the spring of their junior year. The honors thesis offers an opportunity for motivated students to move beyond traditional coursework and apply critical thinking skills to an academic public policy thesis. This program is organized as an original, independent research project under the direction of a faculty advisor. Students considering writing an honors thesis must complete PLCY 581 before enrolling in PLCY 691H.

Completion of an honors thesis provides a total of six credit hours toward the major, including three credits toward a policy field concentration. Students who complete an honors thesis and maintain all other eligibility criteria may be recommended by their thesis advisor and the Undergraduate Affairs Committee for graduation with honors or highest honors in public policy. The department's website



(<http://publicpolicy.unc.edu/academics/undergraduate-program/honors/>) provides more information.

## Public Policy Majors Union

The Public Policy Majors' Union (PPMU) was founded in 1988 in an effort to help govern the department's curriculum. The PPMU has since expanded its role to include representation of policy majors within the University community and sponsorship of policy-related events. Membership is open to all public policy majors.

## Department Programs

### Major

- Public Policy Major, B.A. (p. 867)

### Minor

- Public Policy Minor (p. 873)

### Professional

- M.P.P. (<http://catalog.unc.edu/graduate/schools-departments/public-policy/>)

### Graduate Programs

- M.A. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy/>)
- Ph.D. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy/>)

## Contact Information

### Department of Public Policy

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### Director of Undergraduate Studies

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## Public Policy Minor

The core curriculum in public policy includes courses on policy innovation and analysis, politics of public policy, applied philosophy, applied economics, research design and statistics. Our experiential education (EE) courses develop students' teamwork, leadership, and communication skills as they produce actionable, client-centered research. UNC Public Policy offers multiple courses on both global and domestic policy issues including courses on education, immigration, the environment, health and human rights, and history and public policy.

The undergraduate minor in public policy consists of five courses. Students gain knowledge, skills, and experience to improve the lives of others.

## Knowledge

Students think and learn across academic disciplines with a diverse faculty with degrees in business, economics, history, law, philosophy, political science, public policy, sociology, and sociomedical sciences.

## Skills

Students gain an ability to think critically and independently; to write, reason, and communicate clearly; and to develop research methods and quantitative analysis skills.

## Experience

Students apply knowledge and skills in real world environments beyond the classroom. Students in our clinic, intersector, and internship courses address contemporary policy challenges by providing innovative analysis to clients in the nonprofit and public sector.






## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

First-year and sophomore students considering a minor in public policy are encouraged to complete PLCY 101 or PLCY 110.

Code	Title	Hours
<b>Requirements</b>		
Students must complete at least four of the following core courses:		12
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	
PLCY 220	 The Politics of Public Policy <sup>H</sup>	
PLCY 340	 Justice in Public Policy <sup>H</sup>	
PLCY 460	 Quantitative Analysis for Public Policy <sup>H</sup>	
PLCY 581	 Research Design for Public Policy <sup>H</sup>	
PLCY 310	Microeconomic Foundations of Public Policy <sup>1</sup>	
	or ECON 410  Intermediate Microeconomics	
One elective course selected from the following options:		3
Any PLCY course at the 100 level or above (not including PLCY 130, PLCY 291, or PLCY 293)		
A course from the approved list in the major (see below)		
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> ECON 101 is a prerequisite for PLCY 310 and ECON 410.














The regulations governing a minor, as set forth in this catalog, apply to the minor in public policy.

## Public Policy Elective Course List

The following courses satisfy the electives requirement and optional policy field concentration. Please note that some of these courses may have enrollment restrictions, including being restricted to students enrolled in certain majors or minors. Please check for enrollment restrictions before trying to enroll:

Code	Title	Hours
Any PLCY course at the 100 level or above, except PLCY 130, PLCY 291, PLCY 293, PLCY 393, or PLCY 394		
AAAD 307	21st-Century Scramble for Africa	3
AAAD/POLI 333	 Race and Public Policy in the United States	3
AAAD 488	 Human Rights and Democracy in African Diaspora Communities	3
AAAD 485	 Transnational Black Feminist Thought and Practice	3
AMST 390	Seminar in American Studies	3
AMST 486	Shalom Y'all: The Jewish Experience in the American South	3
ANTH 312	From the Equator to the Poles: Case Studies in Global Environmental Change	3
ANTH 318	 Human Growth and Development	3
ANTH 319	 Global Health	3
ANTH 350	Anthropology of the State, Civil Society, and Politics	3
ANTH 355	 Life, Society and Work in the Globalized City	3
ANTH 360	Latin American Economy and Society	3
ANTH 377	European Societies	3
ANTH 380	Anthropological Perspectives on Cultural Diversity	3
ANTH 422	Anthropology and Human Rights	3
ANTH 429	 Culture and Power in Southeast Asia	3
ANTH 439	 Political Ecology	3
ANTH 441	The Anthropology of Gender, Health, and Illness	3
ANTH 460	Historical Ecology	3
ANTH 470	Medicine and Anthropology	3
ANTH 502	Globalization and Transnationalism	3
ANTH 537	Gender and Performance: Constituting Identity	3
ANTH 585	Anthropology of Science	3
BUSI 404	Business Ethics	1.5
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior	3
BUSI 500	Entrepreneurship and Business Planning <sup>H</sup>	3
BUSI 503	Family Business I: Introduction to Family Enterprise	1.5
BUSI 504	Launching the Venture	1.5
BUSI 506	Entrepreneurial Strategy: How to Think Like a Venture Capitalist	3
BUSI 512	Family Business II: Governance and Ownership	1.5
BUSI 610	Global Environment of Business	3
BUSI 611	International Development	3
COMM 312	Persuasion	3
COMM 325	 Introduction to Organizational Communication <sup>H</sup>	3
COMM 372	The Rhetoric of Social Movements	3
COMM 375	Environmental Advocacy	3
COMM 376	The Rhetoric of War and Peace	3
COMM 470	Political Communication and the Public Sphere	3
COMM 521	Communication and Social Memory	3
COMM 524	 Gender, Communication, and Culture	3
COMM 525	Organizational Communication	3
COMM 571	Rhetorical Theory and Practice	3
COMM 572	Public Policy Argument <sup>H</sup>	3
COMM 574	War and Culture	3
COMM 575	Presidential Rhetoric	3
COMM 576	Making and Manipulating "Race" in the United States	3
COMM 624	 Hate Speech	3
COMM 625	 Communication and Nonprofits in the Global Context	3
COMM 652	Media and Difference	3
ECON 320	Macroeconomics: Theory and Policy	3
ECON 325	Entrepreneurship: Principles, Concepts, Frameworks, and Fluency <sup>H</sup>	3
ECON 345	 Public Policy Toward Business	3
ECON 363	International Economics from the Participant's Perspective	3
ECON 380	The Economics of Labor Relations	3
ECON 423	Financial Markets and Economic Fluctuations <sup>H</sup>	3
ECON 430	Economic Development of the United States	3
ECON 440	Analysis of Public Finance	3
ECON 445	Industrial Organization	3
ECON 450	Health Economics: Problems and Policy	3
ECON 454	Economics of Population	3
ECON 455	Environmental Economic Theory	3
ECON 460	 International Economics	3
ECON 465	 Economic Development	3
ECON 480	Labor Economics	3
ECON 511	Advanced Game Theory in Economics <sup>H</sup>	3
ECON 586	Economics and Life: Applying Economics to Life's Big Questions	3
EDUC 401	 Childhood Development: Prenatal Birth to Age 12	3
EDUC 441	Education in American Society	3
EDUC 506	 Politics, Policymaking, and America's Schools	3
EDUC 521	Schools, Cultures, and Communities I: Youth	3
EDUC 533	 Social Justice in Education	3
EDUC 535	Teachers and Schools	3
ENGL 164	 Introduction to Latina/o Studies <sup>H</sup>	3
ENGL 279	Migration and Globalization	3
ENEC 463	 Corporate Environmental Stewardship	3

ENEC 307	Energy and Material Flows in the Environment and Society	3	GLBL 382	Latin American Migrant Perspectives: Ethnography and Action	3
ENEC 308	Environmental History	3	GLBL 390	Current Topics in Global Studies	3
ENEC 309	Environmental Values and Valuation	3	HIST 238	 The American Revolution, 1763-1815	3
ENEC 330	Principles of Sustainability	3	HIST 365	The Worker and American Life	3
ENEC 350	 Environmental Law and Policy	3	HIST 385	 African American Women's History	3
ENEC 351	Coastal Law and Policy	3	HIST 510	Human Rights in the Modern World <sup>H</sup>	3
ENEC 352	Marine Fisheries Ecology	3	HIST 566	The History of Sexuality in America	3
ENEC 370	Agriculture and the Environment <sup>H</sup>	3	HIST 568	Women in the South	3
ENEC 462	Ecosystem Management	3	HIST 577	United States Foreign Relations in the 20th Century	3
ENEC 474	Sustainable Coastal Management	3	HIST 584	The Promise of Urbanization: American Cities in the 19th and 20th Centuries	3
ENEC 586	Water Quality Policies and Planning	3	HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
ENEC 685	Environmental and Resource Economics	3	HPM 310	Introduction to Health Law and Ethics	3
ENEC 698	Capstone: Analysis and Solution of Environmental Problems	3	HPM 330	Introduction to Health Organization Leadership, Management, and Behavior	3
ENEC/ENVR 470	Environmental Risk Assessment	3	HPM 340	Foundations of Health Care Financial Management	3
ENEC/ENVR 585	American Environmental Policy	3	HPM 350	Introduction to the U.S. Health System I	3
ENEC/ENVR/PLAN/PLCY 686	Policy Instruments for Environmental Management	3	HPM 351	Politics, Public Health, and Health Policy	3
ENEC/PHIL 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics	3	HPM 352	Introduction to the U.S. Health System II	3
ENVR 600	Environmental Health	3	HPM 435	Marketing for Not-for-Profit Organizations	3
GEOG 281	Ethnographies of Globalization: From 'Culture' to Decolonization	3	INLS 382	Information Systems Analysis and Design	3
GEOG 370	 Introduction to Geographic Information	3	INLS 515	Consumer Health Information	3
GEOG 391	Quantitative Methods in Geography	3	MASC 310	Our Changing Planet: Science, Social Impacts, Solutions	3
GEOG 414	 Climate Change	3	MASC 314	 Earth Systems in a Changing World	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3	MEJO 340	Introduction to Media Law: Journalism Focus	3
GEOG 423	Social Geography	3	MEJO 441	Diversity and Communication	3
GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3	MEJO 442	Gender, Class, Race, and Mass Media	3
GEOG 430	Global Migrations, Local Impacts: Urbanization and Migration in the United States	3	MEJO 443	Latino Media Studies	3
GEOG 435	 Global Environmental Justice	3	MEJO 445	Media Effects on Audiences	3
GEOG 446	Geography of Health Care Delivery	3	MEJO 446	 Global Communication and Comparative Journalism	3
GEOG 447	Gender, Space, and Place in the Middle East	3	MEJO 458	Southern Politics: Critical Thinking and Writing	3
GEOG 448	Transnational Geographies of Muslim Societies	3	MEJO 541	Economics Reporting	3
GEOG/ENEC 451	 Population, Development, and the Environment	3	MEJO 560	Environmental and Science Journalism <sup>H</sup>	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3	MEJO 652	Digital Media Economics and Behavior <sup>H</sup>	3
GEOG 458	Urban Latin America: Politics, Economy, and Society	3	MNGT 345	 Public Policy Toward Business	3
GEOG 460	 Geographies of Economic Change	3	MNGT 365	The Worker and American Life	3
GEOG 470	 Political Ecology: Geographical Perspectives	3	MNGT 380	The Economics of Labor Relations	3
GEOG 480	Liberation Geographies: The Place, Politics, and Practice of Resistance	3	MNGT 410	 Formal Organizations and Bureaucracy	3
GEOG 491	Introduction to GIS	3	MNGT 412	Social Stratification	3
GEOG 541	GIS in Public Health	3	MNGT 415	Economy and Society	3
GEOG 542	Neighborhoods and Health	3	MNGT 427	 The Labor Force	3
			PHIL 364	 Ethics and Economics	3
			PHIL 370	 Authority, Freedom, and Rights: Advanced Political Philosophy	3
			PHIL 384	 Gateway to Philosophy, Politics, and Economics <sup>H</sup>	3

PHIL 473	American Political Philosophy	3	PWAD 250	 Introduction to Peace and Security Studies	3
PHIL 480	Philosophy of Law	3	PWAD 368	War and American Society to 1903	3
PHIL 698	 Philosophy, Politics, and Economics: Capstone Course	3	PWAD 416	Constitutional Policies and the Judicial Process	3
PLAN 330	Principles of Sustainability	3	PWAD 443	American Foreign Policy: Formulation and Conduct	3
PLAN 574	Political Economy of Poverty and Inequality	3	PWAD 444	 Terrorism and International Peace	3
PLAN 585	American Environmental Policy	3	PWAD 453	 Political Geography	3
PLAN 636	Urban Transportation Planning	3	PWAD 460	 International Economics	3
PLAN 637	Public Transportation	3	PWAD 469	Conflict and Intervention in the Former Yugoslavia <sup>H</sup>	3
PLAN 641	Watershed Planning	3	PWAD 574	War and Culture	3
PLAN 651	Urban Form and the Design of Cities	3	PWAD 575	Presidential Rhetoric	3
PLAN 685	Water and Sanitation Planning and Policy in Less Developed Countries	3	PWAD 577	United States Foreign Relations in the 20th Century	3
POLI 400	Executive Politics	3	RELI 423	Ethnicity, Race, and Religion in America	3
POLI 401	Political Economy I: The Domestic System	3	RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
POLI 406	State Governments: Laboratories of Democracy	3	STOR 305	 Introduction to Decision Analytics	3
POLI 410	The Constitution of the United States	3	STOR 358	Sample Survey Methodology	4
POLI 411	Civil Liberties under the Constitution <sup>H</sup>	3	STOR 415	Introduction to Optimization	3
POLI 412	United States National Elections <sup>H</sup>	3	STOR 455	Methods of Data Analysis	3
POLI 416	Constitutional Policies and the Judicial Process	3	SOCI 410	 Formal Organizations and Bureaucracy	3
POLI 418	Mass Media and American Politics	3	SOCI 412	Social Stratification	3
POLI 419H	Race and Politics in the Contemporary United States	3	SOCI 415	Economy and Society	3
POLI 420	Legislative Politics <sup>H</sup>	3	SOCI 418	Contemporary Chinese Society	3
POLI 431	African Politics and Societies	3	SOCI 420	Political Sociology	3
POLI 433	Politics of the European Union <sup>H</sup>	3	SOCI 422	 Sociology of Mental Health and Illness	3
POLI 434	Politics of Mexico	3	SOCI 423	 Sociology of Education, Experiential Education	3
POLI 438	 Democracy and International Institutions in an Undivided Europe	3	SOCI 424	Law and Society	3
POLI 442	 International Political Economy	3	SOCI 425	Family and Society, Junior/Senior Section	3
POLI 443	American Foreign Policy: Formulation and Conduct	3	SOCI 426	Sociology of Education	3
POLI 444	 Terrorism and International Peace	3	SOCI 427	 The Labor Force	3
POLI 457	International Conflict Processes	3	SOCI 431	Aging	3
POLI 470	Social and Political Philosophy <sup>H</sup>	3	SOCI 444	Race, Class, and Gender	3
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3	SOCI 468	United States Poverty and Public Policy	3
PSYC 465	Poverty and Development	3	SOCI 469	Health and Society	3
PSYC 467	The Development of Black Children	3	SPHG 350H	Introduction to Public Health	3
PSYC 469	Evolution and Development of Biobehavioral Systems	3	WGST 368	Women of Color in Contemporary United States Social Movements	3
PSYC 471	The Study of Adolescent Issues and Development	3	WGST 388	 The International Politics of Sexual and Reproductive Health	3
PSYC 500	Developmental Psychopathology	3	WGST 410	 Comparative Queer Politics	3
PSYC 502	 Psychology of Adulthood and Aging	3	WGST 610	 Feminism, Sexuality, and Human Rights	3
PSYC 504	Health Psychology	3	WGST 662	Gender Issues in Planning and Development	3
PSYC 512	Popularity, Friendship, and Peer Relations	3			
PSYC 514	Mania and Depression	3			
PSYC 530	Design and Interpretation of Psychological Research	3			
PSYC 531	Tests and Measurement	3			
PSYC 532	Quantitative Psychology <sup>H</sup>	3			
PSYC 561	Social Cognition <sup>H</sup>	3			
PSYC 565	Stereotyping, Prejudice, and Discrimination	3			
PSYC 601	Psychology and Law	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 867) for special opportunities.

## Department Programs

### Major

- Public Policy Major, B.A. (p. 867)

#### Minor

- Public Policy Minor (p. 873)

#### Professional

- M.P.P. (<http://catalog.unc.edu/graduate/schools-departments/public-policy/>)

#### Graduate Programs

- M.A. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy/>)
- Ph.D. in Public Policy (<http://catalog.unc.edu/graduate/schools-departments/public-policy/>)

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## Department of Religious Studies

### Introduction

The Department of Religious Studies is dedicated to the study of religions as historical and cultural phenomena. It examines the history, texts, objects, beliefs, practices, and rituals of a variety of religious traditions across the globe. Inherently interdisciplinary in its approach, religious studies explores religions in light of related fields in the humanities and social sciences such as anthropology, archaeology, classics, geography, history, philosophy, political science, and sociology.

### Advising

The director of undergraduate studies advises majors and minors in religious studies. Please contact the Department of Religious Studies for updated contact information.

The director of Jewish studies advises majors and minors in Jewish studies. Please contact the Carolina Center for Jewish Studies for updated contact information.

The director of Christianity and culture advises minors in the study of Christianity and culture. Please contact the Department of Religious Studies for updated contact information.

The director of the Carolina Center for the Study of the Middle East and Muslim Civilizations advises minors in Islamic and Middle Eastern

studies. Please consult the Carolina Center for the Study of the Middle East and Muslim Civilizations for updated contact information.

## Graduate School and Career Opportunities

Those wishing to proceed to graduate work in religious studies can consult the director of undergraduate studies. We encourage students to pursue the study of two or more languages used by specific religious communities, as well as the modern languages of scholarship. In addition to the language courses offered by this department, UNC–Chapel Hill offers courses in German, French, Spanish, Greek, Modern Hebrew, Chinese, Japanese, Hindi-Urdu, Latin, Arabic, Sanskrit, Persian, Bengali, and Tamil.

Students majoring in religious studies often choose to pursue an M.A. or Ph.D. in religious studies or other related fields in the humanities and social sciences. Some of the graduates of the program go on to professional schools in law, medicine, divinity, or journalism. Each year the department awards the Bernard Boyd Fellowship to a graduating religious studies major who is planning to pursue graduate study in religion.

#### Majors

- Religious Studies Major, B.A. (p. 906)
- Religious Studies Major, B.A.–Jewish Studies Concentration (p. 910)

#### Minors

- Islamic and Middle Eastern Studies Minor (p. 912)
- Jewish Studies Minor (p. 914)
- Religious Studies Minor (p. 916)
- Study of Christianity and Culture Minor (p. 919)

#### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

## Professors

Barbara Ambros, Yaakov Ariel, Bart D. Ehrman, Jodi Magness, Zlatko Pleše.

## Associate Professors

Andrea Cooper, Brandon Bayne, Jessica Boon, Juliane Hammer, Joseph Lam, David Lambert, Lauren Leve, Evyatar Marienberg, Todd Ramón Ochoa, Randall Styers, Brendan Thornton.

## Assistant Professors

Youssef Carter, Eden Consenstein, Hugo Méndez, Waleed Ziad.

## Adjunct Professors

Cemil Aydin, Jason Bivins (NCSU), Philip F. Gura, Charles Kurzman, Bruce B. Lawrence (Duke University), Fred Naiden, Albert Rabil Jr., James B. Rives, Omid Safi (Duke University).

## Adjunct Associate Professors

Anna Bigelow (Stanford University), Levi McLaughlin (NCSU), Christian Lundberg, Barry Saunders, Margaret J. Wiener, Molly Worthen.

## Adjunct Assistant Professor

Maria Doerfler (Yale University).

## Professors Emeriti

Carl W. Ernst, David J. Halperin, Peter I. Kaufman, Laurie Maffly-Kipp, William J. Peck, Jack Sasson, John Van Seters.

The department offers a variety of courses ranging from large lecture to advanced seminars, as well as independent studies, an honors thesis program, and a capstone course for all majors (RELI 697). Introductory courses, which are numbered below 200, orient students to the field of religious studies or to major approaches, topics, or issues within that broader field. Intermediate courses are numbered between 200 and 399, and they provide more in-depth analysis. Advanced courses, which are numbered 400 and above, often build on knowledge or skills derived from lower-level courses, and they provide opportunities for research-intensive study in particular areas of concentration in the study of religion.

## RELI—Religious Studies

### Undergraduate-level Courses

#### RELI 60. First-Year Seminar: Religion and Racism. 3 Credits.

How does religion become a source of ethnic or racial prejudice among religious practitioners? When does prejudice against religious persons constitute a form of racism? This class explores answers to these questions by examining the connections between religion and racism in modern societies like the United States and South Africa.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, CI, US.

**Grading Status:** Letter grade.

#### RELI 61. First-Year Seminar: Religion, Magic, and Science. 3 Credits.

This course explores the ways in which religion, magic, and science are defined in the modern world and the different forms in which supernaturalism circulates within contemporary culture.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

#### RELI 62. First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals. 3 Credits.

Christian orthodox beliefs or practices often get formulated expressly to marginalize a viewpoint or community considered too radical. This course examines a variety of Western Christian dissenters and the authorities who opposed them: Gnostics; medieval, Spanish, and Latin American inquisitions; Protestant Anabaptists; witches; Galileo; Mormons; and Pentecostals.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** NA, WB.

**Grading Status:** Letter grade.

#### RELI 63. First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls. 3 Credits.

In this seminar students learn about the Dead Sea Scrolls, ancient manuscripts dating to the time of Jesus from caves around the site of Qumran by the Dead Sea. They include early copies of the Hebrew Bible (Old Testament) and sectarian works belonging to the Jewish community that lived in Qumran.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

#### RELI 64. First-Year Seminar: Reintroducing Islam. 3 Credits.

An introduction to the Islamic religious tradition, focusing on major themes of Islamic religious thought, bringing out both traditional spirituality and the critical issues confronting Muslims today.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** PH, BN, GL.

**Grading Status:** Letter grade.

#### RELI 65. First-Year Seminar: Myth, Philosophy, and Science in the Ancient World. 3 Credits.

This course examines the conflicting ways in which ancient myth, science, and philosophy explained creation of the universe, origins of mankind, nature of dreams, and foundations of culture.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

#### RELI 66. First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys. 3 Credits.


Introduces students to Buddhism and traces its history in the United States, highlighting the period since 1965. It focuses on immigrants, converts, and the cultural influence of Buddhism in America.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.


**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **RELI 67. First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life. 3 Credits.**

This course explores how different religious traditions conceive of human nature and cultural personhood, and the ways that these understandings are reflected in diverse forms of personal identity and public life.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **RELI 68. FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination. 3 Credits.**

A comparative examination of prophet, scientist, and poet as critics and creators of the entrepreneurial outlook and sensibility in individuals and organizations with special attention to innovator's dilemmas. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **RELI 69. First-Year Seminar: Gender and Sexuality in Contemporary Judaism. 3 Credits.**


Taking a global perspective, the course compares the manners in which Jewish communities in America, Israel, Europe, Asia, and Africa have accommodated themselves to the changing norms in gender and sexuality in the last generation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **RELI 70. First-Year Seminar: Jesus in Scholarship and Film. 3 Credits.**

This seminar explores the ways the historical Jesus has been portrayed in the writings of modern scholars and films of the 20th and 21st centuries.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **RELI 71. First-Year Seminar: The Spirit of Capitalism. 3 Credits.**

Examines scholarly work on the overlap of religion and capitalism.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **RELI 72. First-Year Seminar: Apocalypse Now? Messianic Movements in America. 3 Credits.**

This course explores the messianic idea in America as well as the messianic movements that have been active in the nation's history and their interaction with American society and culture.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.


**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

 **RELI 73. First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion. 3 Credits.**

This course examines the cultural construction of animals in Japanese myth, folklore, and religion. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

 **RELI 74. First-Year Seminar: Person, Time, and Religious Conduct. 3 Credits.**

Within the vast field of activity called "religion," this course examines how people and societies give meaning to the relation between human organisms and the universe in time and space. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

 **RELI 75. First-Year Seminar: Sacrifice and Surrender. 3 Credits.**


This course will consider the questions of debt, loss, and surrender as we explore the problem of sacrifice. Readings will address the associated problems of violence, transgression, and animality.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

 **RELI 76. First-Year Seminar: Money and Morality: Divining Value in Social Life. 3 Credits.**

This seminar explores the many ways that different religions and cultures have imagined spiritual wealth, secular riches, and the appropriate modes of interaction between them in different places and times.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **RELI 77. First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence. 3 Credits.**


This seminar asks why some people choose to take life (their own or another's) for religious purposes and how texts, practices, and communities shape these motives. Focuses on martyrological traditions in Western religions, but also tracks idioms of war, sacrifice, and ritualized suffering in other religious contexts and secular discourses.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

 **RELI 78. First-Year Seminar: Reading the Bible: Now and Then. 3 Credits.**


An introduction to the interpretation of the Hebrew Bible/Old Testament. We will look at the biblical text as modern interpreters and through the eyes of the Bible's earliest Jewish and Christian interpreters with special attention to changing assumptions about how to read the Bible and the nature of Scripture itself.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

 **RELI 79. First-Year Seminar: Human Animals in Religion and Ethics. 3 Credits.**


This course investigates the figure of the human animal in religion and philosophy. What kind of animal is the human, and what separates humans from animals? We will consider how attending to distinctions between humans and animals can highlight varying ideological and religious viewpoints.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

 **RELI 80. First-Year Seminar: Religion and Writing in the Ancient World. 3 Credits.**


This seminar considers the role of writing as a technology in the shaping of ancient religious traditions, from the inventions of writing in Mesopotamia and Egypt to the advent of Islam. Topics include the early alphabet, magical/mystical uses of writing, religion and literacy, and the development of "Scripture" (e.g., Bible, Qur'an).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

 **RELI 85. First-Year Seminar: Sex, Marriage, and Family in Religion. 3 Credits.**

This course approaches the central role of discourses about sexual norms, marriage, and family in select religious traditions. It asks how religious traditions have defined and negotiated normative models for marriage and family in their connection to larger theological frameworks and religious source texts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.


 **RELI 87. First-Year Seminar: Confessions. 3 Credits.**

This course will examine autobiographies and memoirs from at least two religious traditions and different historical eras, in which individuals interpret their changing religious identity through first-person narrative and/or artistic expression. We will consider how individuals negotiate and represent themselves to different communities according to need, time, and circumstance.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Grading Status:** Letter grade.

 **RELI 88. First-Year Seminar: Religion and Society in Historical Novels. 3 Credits.**

In this seminar we will read several books. Most of them are bestsellers and can be described as "historical novels." Having these books as a starting point, we will explore religion and society in Europe and the Middle East in the medieval and early modern period.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

 **RELI 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

**RELI 101. Introduction to Religious Studies. 3 Credits.**

An introduction to the academic study of religion that considers approaches to the interpretation of religion and includes study of several religious traditions.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.



**RELI 102. World Religions. 3 Credits.**

This course examines forms of religious expression as embodied in several important religious traditions. It investigates religious experience; myth and ritual; teachings and scripture; historical, social, and artistic aspects of religion; and the nature and function of religion in society, with a special focus on ethics and values.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**RELI 103. Introduction to the Hebrew Bible/Old Testament Literature. 3 Credits.**

This course introduces students to the various books of the Hebrew Bible and to the history and culture of ancient Israel, focusing on the formation of national identity, ancient conceptualizations of divinity, ritual practice, and modes of social regulation, all of which are set against the background of the ancient Near East. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** JWST 103.

**RELI 104. Introduction to the New Testament. 3 Credits.**

This course studies the New Testament from both a literary and a historical perspective, focusing on its origins in the land of Israel and moving into the eastern Mediterranean. In it students learn to wrestle with the nature of historical evidence, develop their skills for making argumentation, and learn how to analyze the philosophical and ethical claims of the ancient Christian texts, and participate in class debates on contemporary ethical issues. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**RELI 105. Religions of the Greco-Roman World. 3 Credits.**

An introduction to religions and the religious life of the ancient world (1000 BCE-300 CE) in various cultural settings: Greek cities, cosmopolitan Hellenistic kingdoms in Egypt and Syria, and the Roman Empire.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**RELI 106. Introduction to Early Judaism. 3 Credits.**

This course surveys Jewish history and religion during the Second Temple and Rabbinic periods, from the destruction of the First Jewish Temple (Solomon's Temple) in 586 BCE to the Muslim conquest of Palestine (640 CE).

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** JWST 106.

**RELI 107. Introduction to Modern Judaism. 3 Credits.**

The course offers a comprehensive understanding of the development of Judaism from the late Middle Ages to contemporary times.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 107.

**RELI 108. Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism. 3 Credits.**

This course will explore Jewish literary works that are considered "fundamental," "classic," "traditional" (often, all of the above), including the Hebrew Bible, the Mishnah, the Babylonian Talmud, midrashic collections, works by Maimonides, major codes of Jewish law, major kabbalistic, philosophic, poetic, and ethical works, hassidic compositions, and more.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**RELI 109. History and Culture of Ancient Israel. 3 Credits.**

An examination extending from Hebrew origins to the Babylonian exile and including political history as well as social and religious institutions. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**RELI 110. The Archaeology of Palestine in the New Testament Period. 3 Credits.**

This course surveys the archaeology of Palestine (modern Israel and Jordan) from the Persian period (ca. 586 BCE) to the Muslim conquest (640 CE).

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** CLAR 110, JWST 110.

**RELI 114. Early Christian Worship, Ritual, and Bodies. 3 Credits.**

What did the earliest Christian churches look like? How did Christians worship, and what behaviors and gestures set them apart from other ancient communities? This course probes these questions, illustrating how different Christian groups developed different ways of regulating the body, food, space, and gender, and how this diversity still impacts contemporary global Christian cultures. Topics include the evolution of baptism, exorcism, marriage, speaking in tongues, and burial rites. Previously offered as RELI 214.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**RELI 117. Culture of the Ancient Near East. 3 Credits.**

An overview of the history and culture of the ancient Near East, from the birth of writing through the first millennium BCE, covering the regions of Mesopotamia, Egypt, Anatolia, and Syria-Palestine.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**RELI 121. Introduction to Religion and Culture. 3 Credits.**

An introductory course that explores relations between religion and culture through the examination of social theory and the analysis of case studies. The case studies focus on such issues as visual culture, ritual, media, gender, and politics. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**RELI 122. Introduction to Philosophical Approaches to Religion. 3 Credits.**

An introduction to philosophical approaches to the study of religion, exploring such topics as religious language and experience, the problem of evil, the relation between religious belief and practice, and issues of religious diversity. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**RELI 123. Introduction to Jewish Studies. 3 Credits.**

An introduction to the broad scope of Jewish history, culture, and identity, from biblical times to the 21st century and from the Middle East to the New World.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 100.

**RELI 125. Heaven and Hell. 3 Credits.**

This course will explore cultural development and significance of religious notions of an afterlife. Are they coherent? What alternative notions of life after death can we imagine?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**RELI 126. Reason, Faith, and God: Philosophy of Western Religion. 3 Credits.**

A philosophical inquiry into the problems of religious experience and belief, as expressed in philosophic, religious, and literary documents from traditional and contemporary sources. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**Same as:** PHIL 134.

**RELI 127. The Claims of Science and Religion. 3 Credits.**

This course explores the sometimes competing, sometimes compatible claims of science and religion, including conflicting views about creation, miracles, rituals, revelation, and human nature. Global and historical case studies will enable students to consider claims to authority (religious, philosophical, medical, and scientific), types of proof, and ethical implications.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**RELI 130. Religion and Popular Culture. 3 Credits.**

Examines representations of religion in mass media, as well as the interplay of religious ideas and popular cultures.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Grading Status:** Letter grade.

**RELI 132. Religion and Global Justice. 3 Credits.**

In this course, students review the intersections of religious thought and social justice around the globe. We will review how liberation theologies emerge, for example, as pathways for addressing various social issues related to food insecurity, reproductive health, migration and citizenship, race, poverty, and religious freedom. Students will explore various debates related to ethics and social justice in relation to the study of religion in multiple geographic contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**RELI 134. Introduction to Religious Ethics. 3 Credits.**

A study of the nature, methods, and aims of ethics as seen in exemplary persons and actions with emphasis on religious and social context and contemporary problems. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**RELI 135. Religion, Ethics, and Technology. 3 Credits.**

This course examines the ethical quandaries that emerge as new technologies are mobilized in religious cultures.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Grading Status:** Letter grade.

**RELI 138. Religious Freedom. 3 Credits.**

This course explores the development of religious liberty and freedom of conscience in Western culture by examining both the historical emergence of these concepts and important contemporary controversies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**RELI 140. Religion in America. 3 Credits.**

An introduction to the history, themes, and issues in American religion from the precolonial period to the present. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**RELI 141. African American Religions. 3 Credits.**

Survey of the historical development of various African American religious traditions, with emphasis on folk spirituality, gender issues, black nationalism, and the role of the church in the black community. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**RELI 142. Catholicism in America. 3 Credits.**

An introduction to Roman Catholicism in the United States.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**RELI 143. Judaism in Our Time. 3 Credits.**

An examination of Judaism in its two major centers, demonstrating how different social and cultural environments shape very different interpretations and practices of the Jewish tradition.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 143.

**RELI 151. Religion in Latin America. 3 Credits.**

This course surveys the history of Latin American religious traditions from precontact to the present. It explores the contributions of African, indigenous, and European traditions as well as the extraordinary combinations that resulted from their interaction.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**RELI 161. Introduction to the History of Christian Traditions. 3 Credits.**

Analysis of continuities and innovations in the history of Christian traditions in the West and globally. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**RELI 162. Catholicism Today: An Introduction to the Contemporary Catholic Church. 3 Credits.**

This course provides students with a first glimpse and insight into the Catholic tradition, past, present, and future: its beliefs, structure, aims, successes, and failures.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, BN, NA.

**Grading Status:** Letter grade.

**RELI 163. Critical Issues in Western Religious Thought. 3 Credits.**

A consideration of major questions within and about religious thought.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**RELI 164. Heresy and Inquisition: Religion, Ethics, Marginalization. 3 Credits.**

During the Middle Ages and the early modern era, various inquisitions used legal inquiry and torture to determine the boundaries of heresy. This course surveys the influence of these regimes on the doctrine, practices, and morality of heretics, mystics, witches, Jews, and Muslims, in the interest of delimiting "orthodox" Catholicism.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** NA, WB.

**Grading Status:** Letter grade.

**RELI 165. Mysticism. 3 Credits.**

Comparative study of mysticism in several religious traditions, Eastern and Western. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**RELI 166. Ideals, Cultures, and Rituals of the University. 3 Credits.**

Permission of the instructor. A religious studies approach to the rituals, cultures, and disciplines of the university, assessing the ways in which explanatory ideals are embedded, changed, and promoted. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**RELI 167. Global Christianity. 3 Credits.**

Christianity began in Asia and Africa, followed by expansion into Europe and eventually the Americas. Now, the Global South again has the highest population of Christians. This course examines the geographical expansion of Christianity in its early history, then turns to modern and current processes of enculturation and globalization as well as inter-religious dynamics.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**RELI 180. Introduction to Islamic Civilization. 3 Credits.**

A broad, comprehensive, and interdisciplinary introduction to the traditional civilization of the Muslim world. Students may not receive credit for both RELI 180/ASIA 180 and ASIA 138/HIST 138.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 180.

**RELI 181. Modern Muslim Societies. 3 Credits.**

This course surveys important developments in modern Muslim societies since the 16th century and up to the present. Topics covered include Muslim experiences with colonialism and nationalism, modernist reform movements, fundamentalism, women's activism and changes in Qur'an interpretation, Islamic law, and religious practice. Students may not receive credit for both RELI 181/ASIA 181 and ASIA 139/HIST 139.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 181.

**RELI 183. Asian Religions. 3 Credits.**

An introduction to major religions of South Asia and East Asia, such as Hinduism, Sikhism, Buddhism, Confucianism, Daoism, and Shinto.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 183.

**RELI 184. East Asian Religions. 3 Credits.**

This course surveys East Asian religions and their relationship with the natural world. It provides an East Asian religious perspective on environmental thought and an environmental perspective on East Asian religions. We will explore parallels and divergences, and how each can enrich and critique the other.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**RELI 185. Women/Gender/Islam. 3 Credits.**

A survey of gender roles in Muslim societies from the advent of Islam to the present. It explores how Muslims have interpreted the Qur'an to determine discourses on gender and sexuality and emphasizes the role of religious authority as well as historical/geographical contexts for Muslim women's lives. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**RELI 196. Independent Study. 3 Credits.**

Permission of the instructor. Subject matter will vary with instructor but will always be focused on a particular problem or issue.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**RELI 201. Ancient Biblical Interpretation. 3 Credits.**

The course looks at the origins of biblical interpretation, how the Hebrew Bible was interpreted around the turn of the Common Era, the key formative period for early Christianity and rabbinic Judaism. We consider the nature of interpretation as an endeavor, as well as how the Bible came to be viewed as Scripture. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**RELI 205. Sacrifice in the Ancient World. 3 Credits.**

This course examines the religious phenomenon of sacrifice with a focus on examples from the ancient Mediterranean world (including Greece, ancient Israel, and the Near East). Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**RELI 206. Prophecy and Divination in Ancient Israel and Judah. 3 Credits.**

An examination of prophecy and divination in the Israelite-Jewish traditions and in their environments, including an analysis of the major biblical prophets. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** JWST 206.

**RELI 207. Jesus in the Early Christian Gospels. 3 Credits.**

An analysis of the variety of traditions used in the first two centuries to portray Jesus, focusing on the reasons for this variety and the historical and literary problems it presents.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** PH, NA, WB.

**Grading Status:** Letter grade.

**RELI 208. The Birth of Christianity. 3 Credits.**

An analysis of the origin of the Christian church and its early expansion, with particular emphasis on the problems evident in the shift from a Jewish to a Gentile framework. Paul's role in defining and resolving the issues is considered in detail and evaluated in the light of subsequent events.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**RELI 209. Varieties of Early Christianity. 3 Credits.**

A study of various forms of Christianity in the second and third centuries (e.g., Gnosticism, Marcionism, Montanism), focusing on their polemical relationship to orthodox Christianity. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**RELI 211. Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible. 3 Credits.**

An introduction to the culture and history of ancient Israel through an exploration of the language of the Hebrew Bible. Students will learn the essentials for basic engagement with biblical Hebrew, then consider what this linguistic evidence reveals about the historical and cultural background of the Hebrew Bible.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** JWST 211.

**RELI 212. Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible. 3 Credits.**

This course explores the linguistic background of the Hebrew Bible, giving special attention to the literary aspect of biblical interpretation. Specific topics include the forms of the Hebrew verb, prose and poetic genres in the Hebrew Bible, wordplay and repetition, narration and dialogue.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, RELI 211.

**Grading Status:** Letter grade.

**Same as:** JWST 212.

**RELI 215. Eastern Christian Cultures: Middle East, Asia, Africa, and Eastern Europe. 3 Credits.**

Although Christianity is characteristically identified with "the West", the Middle East, Asia, and Africa have been home to native Christian populations for 2,000 years. This course surveys the diversity of these 300 million "Eastern" and/or "Orthodox" Christians, often marginalized in surveys of global Christianity. It highlights how these communities articulate their identities around particular linguistic, ritual, and cultural markers, and the struggle they face preserving these identities in the West following refugee and migrant experiences.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**RELI 217. Gnosticism. 3 Credits.**

A comprehensive survey of ancient Christian Gnosticism, one of the earliest and most long-lived branches of early Christianity, with principal readings drawn from the famous "Nag Hammadi Library." Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**RELI 218. Christianity and Islam in the Middle Ages. 3 Credits.**

This course draws on a variety of cultural documents to explore both the conflict and cross fertilization between the Christian and Islamic cultures of the Middle Ages. Readings and discussions in English. Previously offered as GERM 218.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, WB.

**Grading Status:** Letter grade.

**Same as:** GSLL 218.

**RELI 220. Religion and Medicine. 3 Credits.**

This course will deal with global interactions of religion, health care, medical ethics, disability, and the body in the past and present. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** PH, CI, GL.

**Grading Status:** Letter grade.

**RELI 222. Modern Western Religious Thought. 3 Credits.**

Representative themes and approaches in the work of modern Western religious thinkers.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**RELI 224. Modern Jewish Thought. 3 Credits.**

This course examines how contemporary thinkers have considered philosophy, ethics, and theology from a Jewish perspective. Methodological points of inquiry include: the role of interpretation in Judaism, revelation and redemption, authority and tradition, pluralism and inclusion, suffering and evil, gender and Jewish philosophy, and 20th-century approaches to God. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 224.

**RELI 225. Christian Cultures. 3 Credits.**

This course explores the range of cultural manifestations of Christianity in the contemporary world, focusing particularly on differences of race, ethnicity, gender, geography, and class.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**RELI 226. Human Animals in Religion and Ethics. 3 Credits.**

This course investigates the figure of the human animal in religion and philosophy. What kind of animal is the human, and what separates humans from animals? We will consider how attending to distinctions between humans and animals can highlight varying ideological and religious viewpoints.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**RELI 227. Luther and the Bible. 3 Credits.**

The Reformation was seminal for the development of the modern world. This course will investigate Reformation literature written in the period from the end of the 15th century to the end of the 17th century, and will investigate how Reformation ideas resonate through today. Readings and discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** GERM 227.

**RELI 232. Shrines and Pilgrimages. 3 Credits.**

An introduction to the study of shrines and pilgrimage in multiple cultural contexts.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**RELI 233. Religion and Violence. 3 Credits.**

This course examines the problematic interplay between religion and violence. It engages and tests accusations that religion is inherently violent through the reading of sacred texts, historical cases, and critical theories.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**RELI 235. Place, Space, and Religion. 3 Credits.**

A consideration of the attitudes toward place and space as they are expressed in religious ritual and artifact.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**RELI 236. Religious Things. 3 Credits.**

An introduction to religion and visual culture in the United States. The course focuses on painting, ritual objects, and architecture.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**RELI 239. German Culture and the Jewish Question. 3 Credits.**

A study of the role of Jews and the "Jewish question" in German culture from 1750 to the Holocaust and beyond. Discussions and texts (literary, political, theological) in English. Previously offered as GERM 270.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** GSLL 270, CMPL 270, JWST 239.

**RELI 240. Religion, Literature, and the Arts in America. 3 Credits.**

Engages literary, performing, and visual arts to explore religion in American culture. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**RELI 241. Messianic Movements in American History. 3 Credits.**

The course examines messianic movements in American history raising the questions, What has been the impact of such movements on the nation? What makes America particularly conducive to such movements?

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**RELI 242. New Religious Movements in America. 3 Credits.**

An introduction to new religious movements in the United States, with emphasis on the nature of conversion and the role of founders.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**RELI 243. Introduction to American Judaism. 3 Credits.**

Course provides a comprehensive introduction to American Judaism, its various movements, institutions, theological, and liturgical characteristics, as well as its standing within the larger framework of religious life in America.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** JWST 243.

**RELI 244. Gender and Sexuality in Western Christianity. 3 Credits.**

An examination of the development of teachings on issues of gender and sexuality through the history of Western Christianity, with particular focus on contemporary controversies. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 244.

**RELI 245. Latina/o Religions in the United States-Mexico Borderlands. 3 Credits.**

The goal of this course is to orient students in the great diversity of Latina and Latino religious formations in the United States today. Focusing on Indigenous, African, and Catholic Creole "inspirations," this course will focus students to the emergence of a distinctly U.S. Latina/o religious experience. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**RELI 246. Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas. 3 Credits.**

This course examines accounts of supernatural beings such as zombies and vampires and aims to understand them as popular ways of making sense of the world in the context of uneven and frequently unsettling processes of modernization, neoliberalism, and globalization. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**RELI 247. Uncertain Truths: Conspiracy Theories, Aliens, and Secret Societies in America. 3 Credits.**

This course examines the social dynamics of power, secrecy, paranoia, and suspicion, in order to explore the multiple relations between conspiracism, religious/magical thinking, and the social construction of truth. In addition to investigating the social and historical contexts that give rise to conspiracy thinking and the various shapes conspiracism takes in the modern world, students will consider conspiratorial lore as an important mode of political participation and contestation.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**RELI 248. Introduction to American Islam. 3 Credits.**

This course surveys Muslim communities in North America in their religious, historical, political, social, and cultural dimensions. Discussion frames include methods for the study of American Muslims, the role of public and media representations of Islam and Muslims, and the place of American Muslims within the larger American religious landscape. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**RELI 263. Gender and Religion in Premodern Europe. 3 Credits.**

This course examines gender in the religious lives of premodern Europeans from 500-1700, both in daily life (marriage, sexuality, devotions) and among the religious elite (clergy, monks and nuns, mystics). Feminist history, masculinity studies, and sexuality studies will all be taught as historical methods, paired with primary source documents from medieval Christians. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 263.

**RELI 266. Medieval and Renaissance Christian Cultures. 3 Credits.**

This course explores the cultural manifestations of Christianity in the medieval and Renaissance worlds, focusing particularly on interactions with other religions and on differences of gender, geography, and class.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**RELI 270. Religion in Western Europe. 3 Credits.**

In this course, we will explore various topics related to the past and present status of religion in general, and of certain religions in particular, within three Western European countries: the United Kingdom, France, and Germany. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** EURO 270.

**RELI 279. Islamic Law, Ethics, and Practice. 3 Credits.**

This course provides an introduction to Islamic law in its connection to religious ethics and diverse ritual practices, both in the premodern and modern periods, and through an analysis of local contexts and global flows of ideas and practices that determine what is considered "Islamic" about laws, ethics, and practices.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 279.

**RELI 280. Hindu Gods and Goddesses. 3 Credits.**

This course focuses on the ways Hindu gods and goddesses are experienced in South Asia through analysis of literary works, including texts, film, comic books, performance, and ethnography. We will also examine key Hindu concepts (dharma, karma, and caste) in Hindu religious narratives. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 280.

**RELI 283. The Buddhist Tradition: India, Nepal, and Tibet. 3 Credits.**

Examines the diverse beliefs, practices, and cultures associated with Buddhism in the Himalayan regions of India, Nepal, and Tibet. Topics include Buddhism's development and spread, the cultural dynamics of Himalayan societies, monasticism, folk religion, revivalism, tourism, gender, globalization, and the role of the state in shaping Buddhist life and culture.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 300.

**RELI 284. The Buddhist Tradition: East Asia. 3 Credits.**

An examination of the development of Buddhism after its importation to East Asia.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 284.

**RELI 285. The Buddhist Tradition: Southeast Asia and Sri Lanka. 3 Credits.**

This course explores the Theravada school of Buddhism and themes in the social, cultural, and political lives of the Theravada Buddhist countries of Southeast Asia and Sri Lanka.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** BN, CI.

**Grading Status:** Letter grade.

**Same as:** ASIA 285.

**RELI 286. Premodern Japanese Religions. 3 Credits.**

Historical survey of the major premodern religious traditions in Japan: Shinto, Buddhism, Shugendo, and Christianity.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 301.

**RELI 287. Modern Japanese Religions. 3 Credits.**

Survey of the major religious traditions in modern and contemporary Japan: Shinto, Buddhism, and the New Religions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 302.

**RELI 288. Chinese Religions. 3 Credits.**

Historical introduction to Chinese religions: Confucianism, Daoism, Buddhism, and folk religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 303.

**RELI 289. Muhammad and the Qur'an. 3 Credits.**

An introduction to the life and significance of the Prophet Muhammad and the sacred scripture of Islam, the Qur'an. It offers discussion of textual sources for Muhammad's biography; his emulation and veneration in Muslim societies; and the nature, compilation, reception history, and range of interpretations of the Qur'an.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**RELI 314. Memory and the Historical Jesus. 3 Credits.**

Who was Jesus? What did he teach? Can we interpret Jesus apart from religious frames or is our conception of Jesus always shaped by the religious texts preserving his memory? What modes of analysis and interpretation do contemporary historians apply to these texts, and what assumptions or biases can color their work? Comparing ancient and modern constructions of Jesus, this course probes the differences between cultural memory and historical writing as practices of knowing. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.



**RELI 315. Religious Frauds: Lies, Forgeries, and Fake News. 3 Credits.**

This course explores the problem of religious fraud—and more specifically, "pious fraud"—drawing case studies from Christian history. Although Christianity espouses a high moral code, some Christians have used deception to advance their beliefs and agendas: forging documents, inventing stories, and fabricating artifacts. Others have been suspected of these same activities. Throughout the semester, students wade through the thorny moral/ethical issues presented by the practice of pious fraud and debate possible cases. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**RELI 322. Theories of Religion. 3 Credits.**

This course addresses terms such as "the sacred," "sacrifice," "the dead," "divinity," and "possession" to explore the limitations and new potentials of religious studies for describing human experience. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**RELI 323. Social Theory and Cultural Diversity. 3 Credits.**

Introduction to basic thinking about cultural difference (race, gender, nationality, religion, etc.). The course encourages students to examine the ways paradigms shape how we act, think, and imagine as members of diverse cultures in the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**RELI 324. Religion and the Human: Interrogating Individuality. 3 Credits.**

Notions of what a human being is—and what this means for how one should live—lie at the root of all religious traditions and also of secular ideologies. This course explores the ways that different religious and cultural communities have conceptualized human nature and how those understandings are reflected in personal identity and ways of organizing public life. Readings include historic and contemporary texts and case studies engaging Buddhism, Hinduism, and Christianity.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES, RESEARCH.

**Grading Status:** Letter grade.

**RELI 325. Religion, Magic, and Science. 3 Credits.**

Critical exploration of the ways in which religion, magic, and science have been constructed as distinct domains of knowledge in the West since the late 19th century.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**RELI 332. The Protestant Tradition. 3 Credits.**

The course comes to provide students with historical and theological knowledge and conceptual tools that will enable them to understand the very rich and diverse Protestant tradition. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** NA, WB.

**Grading Status:** Letter grade.

**RELI 338. Religion in American Law. 3 Credits.**

An exploration of the position of religion in American legal and social theory, with particular focus on jurisprudence under the First Amendment.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, US.

**Grading Status:** Letter grade.

**RELI 340. Liberal Tradition in American Religion. 3 Credits.**

An examination of the growth of liberal theological expressions, such as rationalism, romanticism, and modernism, from the early 18th century to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**RELI 342. African-American Religious Experience. 3 Credits.**

Permission of the instructor. An introduction to the diversity of African American beliefs, experiences, and expressions from the colonial era to the present. Exploration will be both historical and thematic.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

**Same as:** ANTH 342, FOLK 342.

**RELI 343. Religion in Modern Israel. 3 Credits.**

The relation between religious communities, their hopes and their agendas to the culture, politics, and law of the country has been a central feature of the Israeli state from its inception. Religious faiths, agendas, and affiliations have affected the character of the country, as well as its relationships with groups and governments around the globe.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** JWST 343.

**RELI 345. Black Atlantic Religions. 3 Credits.**

This course is an introduction to Black Atlantic discourses from ethnographic and religious studies perspectives. Readings will privilege African-inspired performance and aesthetic forms as these are produced in religious practice. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**RELI 350. Islamic and Jewish Legal Systems. 3 Credits.**

In this course, on both Jewish and Islamic law, we will explore the nature, structure, development, and significance of the legal system of each of these two religions. Topics discussed include rituals, purity laws, commerce, warfare, and gender relations. There is no need to have any background in Hebrew or Arabic: all texts are provided in English, and no previous knowledge on Islam or Judaism is assumed.

**Rules & Requirements**


**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

 **RELI 352. Anthropology of Christianity. 3 Credits.**

This course introduces students to the anthropology of Christianity. Students will explore major themes of interest in the field. This course aims to familiarize students with the diversity of Christian religious experience and expression globally and to explore the mechanisms through which that diversity takes shape in various cultural contexts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

 **RELI 362. Mary in the Christian Tradition. 3 Credits.**

In certain eras, Mary has been more central to Catholic devotion than Christ. This course explores doctrine, liturgy, and popular devotion centering on the Virgin in medieval European Christianity, her impact on colonial religion in the New World, and her roles in Protestantism, Eastern Orthodoxy, and Islam. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, WB.


**Grading Status:** Letter grade.

**Same as:** WGST 362.

 **RELI 365. Studies in Christian Theologies and Theologians. 3 Credits.**

An investigation of one writer or school in the history of Christian theology as an example of typical methods, positions, and problems within the tradition.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**RELI 366. Medieval Religious Texts. 3 Credits.**

In this course students will read major medieval religious texts (Christian, Jewish, and/or Muslim), that permit close study of religious life, culture, and thought during the Middle Ages (broadly defined). The works will be in English translation, but students with appropriate linguistic knowledge may read the texts in their original language.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**RELI 367. The Art of Devotion in Medieval and Early Modern Europe. 3 Credits.**

This course examines creative expression at the service of religious belief from 1000 to 1700. Poetry, drama, art, architecture, and music will be the texts to understand the religious cultures of this rich period.

**Rules & Requirements**


**Making Connections Gen Ed:** VP, WB.

**Grading Status:** Letter grade.

 **RELI 368. Race, Sexuality, and Disability in the History of Western Christianity. 3 Credits.**

Over time, Christian institutions and traditions have helped constitute contemporary narratives of race, sexuality, and disability in society. This course examines shifting definitions and specific case studies from the premodern era through to contemporary discourses and polemics in America. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** WGST 370.

**RELI 371. Women Mystics. 3 Credits.**

An investigation of the forms, characteristics, and variety of the mystical experiences of women in medieval and modern Christianity, with comparative consideration of women mystics and spiritual leaders in at least two other religious traditions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** WGST 371.

**RELI 375. Archaeology of Cult. 3 Credits.**

This course examines the archaeological context of Greek religion, cults, and associated rituals from the Bronze Age until the Hellenistic period with emphasis on urban, rural, and panhellenic sanctuaries, and methods of approaching ancient religion and analyzing cult practices.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CLAR 375.

**RELI 381. Religions of South Asia. 3 Credits.**


Exploration of the major religious traditions of South Asia. Focuses on the beliefs and practices associated with different traditions, and the ways that these relate to one another and to broader political, historical, and cultural formations. Also addresses questions of modernization, reform, communal violence, and other transformations of religious life.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 381.

 **RELI 382. The Story of Rama in Indian Culture--Experiential. 3 Credits.**

Explores Valmiki's Ramayana (story of the Hindu god Rama), alternate versions of the story, its performance in theater, and its role in politics. Students work outside of class to stage scenes from the Ramayana, open to the public. Students may not receive credit for both ASIA 332 and ASIA 382.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING, HI-PERFORM.

**Making Connections Gen Ed:** LA, BN, EE- Performing Arts.


**Grading Status:** Letter grade.

**Same as:** ASIA 382.

 **RELI 383. The Mahabharata: Remembered and Reimagined--Experiential. 3 Credits.**

Introduction to the classical Mahabharata as well as modern retellings of the epic in contemporary literature, film, and theater of India. Students work outside class to stage one or more scenes from the Mahabharata, open to the public. Students may not receive credit for both ASIA 333 and ASIA 383.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** LA, BN, EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** ASIA 383.

**RELI 384. Religion and Globalization in Southeast Asia. 3 Credits.**

How does globalization affect religious life? How do historical, cultural, and religious traditions mediate the experience of globalization in particular locales? This course analyzes the forces and practices associated with political-economic and cultural globalization in Southeast Asia and explores the religious transformations and innovations that these processes have inspired.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 384.

 **RELI 385. Modern Muslims and the Qur'an. 3 Credits.**

This course introduces students to the multifaceted ways in which Muslims in the modern and contemporary periods have approached, experienced, and interpreted the Qur'an, including discussions of accessibility, hermeneutical methods, and exegetical themes.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**RELI 386. Dance and Embodied Knowledge in the Indian Context. 3 Credits.**


In this theory-practice course focusing on religion, performance, and South Asian studies we will analyze the nature of embodied knowledge, aesthetic theory, and the creative power of dance performance in the Indian context. The course also includes a practical component involving embodied experience with Indian classical dance forms.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.


**Grading Status:** Letter grade.

**Same as:** ASIA 386, COMM 386.

 **RELI 387. Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture. 3 Credits.**

This course offers an introduction to the history and practice of East Asian martial arts. We will explore the social, political, and cultural contexts of the martial arts, from the classical period to the present. Integral to this course is a practical component involving embodied experience with martial arts training.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING, HI-PERFORM.

**Making Connections Gen Ed:** BN, EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** ASIA 387, COMM 387.

**RELI 390. Topics in the Study of Religion. 3 Credits.**

Permission of the instructor. Subject matter will vary with instructor but will always be focused on a particular problem or issue.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **RELI 395. Guided Undergraduate Research. 1-3 Credits.**

This course is used for guided undergraduate research under the direction of a faculty member in the Department of Religious Studies. Permission of the instructor is required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit. 9 total credits. 9 total completions.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level Courses

**RELI 401. Introductory Biblical Hebrew I. 3 Credits.**

The first part of a two-semester introduction to the grammar of biblical Hebrew.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**RELI 402. Introductory Biblical Hebrew II. 3 Credits.**

The second part of a two-semester introduction to the grammar of biblical Hebrew.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, RELI 401; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

 **RELI 403. Intermediate Classical Hebrew I. 3 Credits.**

A consolidation of the fundamentals of classical Hebrew grammar via readings of biblical texts of various genres (including both prose and poetry).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, RELI 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**RELI 404. Intermediate Classical Hebrew II. 3 Credits.**

Further readings of classical Hebrew texts, focusing on biblical poetry as well as early postbiblical material (e.g., nonbiblical texts from Qumran, Mishnah/Tosefta).

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, RELI 403; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**RELI 409. Greek New Testament. 3 Credits.****Rules & Requirements**

**Requisites:** Prerequisite, GREK 222; Permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** GREK 409.

**Global Language:** Level 6.

**RELI 410. Aramaic/Rabbinic Hebrew. 3 Credits.**

Reading texts in rabbinic Hebrew or in biblical and/or talmudic Aramaic, with appropriate grammatical instruction.

**Rules & Requirements**

**Requisites:** Prerequisites, RELI 403 and 404; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**RELI 411. Advanced Akkadian. 3 Credits.**

Readings in literary, epistolary, and juridical texts.

**Rules & Requirements**

**Requisites:** Prerequisites, RELI 403 and 404.

**Grading Status:** Letter grade.

**RELI 412. Ugaritic. 3 Credits.**

Readings in the alphabetic texts of Ras Shamra and a study of the elements of Ugaritic grammar.

**Rules & Requirements**

**Requisites:** Prerequisites, RELI 403 and 404.

**Grading Status:** Letter grade.

 **RELI 413. Biblical Coptic and Early Egyptian Monasticism. 3 Credits.**

Coptic, the last stage of Egyptian, a living language in the Roman and Byzantine period. Thorough grounding in the grammar of the Sahidic dialect as a basis for reading biblical monastic and Gnostic texts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**RELI 414. Syriac. 3 Credits.**

An introduction to the grammar of Classical Syriac for the purpose of reading Syriac Christian texts from late antiquity. Knowledge of another Semitic language (e.g., Hebrew, Arabic) would be an asset but is not required.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **RELI 420. Post-Holocaust Ethics and Theology. 3 Credits.**

This course examines the challenges posed to ethics and theology by the Holocaust. We will address philosophical and moral issues such as the problem of evil, divine omniscience, omnipotence, suffering, theodicy, representation, testimony, and an ethics of memory. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**Same as:** JWST 420.

 **RELI 421. Religion and Science. 3 Credits.**

This course explores the complex relation between religion and science in the modern world. Public disputes over teaching evolution in American schools serve as a central case study of this.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**RELI 423. Ethnicity, Race, and Religion in America. 3 Credits.**

A theoretical inquiry into ethnicity, race, and religion as constituents of personal and communal identity. Emphasis on global migrations, colonial and postcolonial relations, diasporic communities, and issues of religious pluralism.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**RELI 424. Gender Theory and the Study of Religion. 3 Credits.**

An examination of contemporary gender theory, with particular focus on its application to the study of religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**Same as:** WGST 424.

**RELI 425. Psychology of Religion. 3 Credits.**

A critical exploration of the concept of religious experience as defined by such authors as William James and Sigmund Freud. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RELI 426. The Sacrifice of Abraham. 3 Credits.**

This course examines philosophical interpretations of the attempted sacrifice by Abraham of his beloved son, offering a comparative approach. The incident in Genesis is remarkably succinct for its controversial subject matter. We will compare this event with representations in Greek drama, the New Testament, and the Qur'an. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**RELI 427. Spirit Possession and Mediumship. 3 Credits.**

This course explores the phenomenon of spirit possession and introduces students to various theoretical and methodological approaches to its academic study. In addition to critically engaging with accounts of spirit possession from around the world, students will explore various related themes of gender, power, and religious and cultural change.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**RELI 428. Religion and Anthropology. 3 Credits.**

Religion studied anthropologically as a cultural, social, and psychological phenomenon in the works of classical and contemporary social thought. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** ANTH 428, FOLK 428.

**RELI 429. Religion and Society. 3 Credits.**

Sociological analysis of group beliefs and practices, both traditionally religious and secular, through which fundamental life experiences are given coherence and meaning. This course is a special version of SOCI 129 for juniors and seniors that explores the meanings and experiences of religion, as well as religion's role in communities, institutions, and societies through hands-on intensive research experience. Students may not receive credit for both SOCI 129 and SOCI/RELI 429.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** SOCI 429.

**RELI 430. Dimensions of Evil. 3 Credits.**

This course explores the meaning of evil. By investigating the moral dimensions of evil, its social uses, its figuration in cross-cultural religious texts, theology, folklore, and political imaginaries, this course develops a critical framework for understanding the diverse manifestations and varied cultural renderings of evil in the modern world. Previously offered as RELI 526.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**RELI 438. Religion, Nature, and Environment. 3 Credits.**

A seminar on concepts of nature within religions and a variety of world-wide spiritual traditions. Emphasis on sacred space, place, and ritual as a vital intersection of religion and nature. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**RELI 441. Religion in Early America. 3 Credits.**

This course examines religion in America from precontact to the Civil War. We will chart the development of religious life, thought, and practice in North America, concentrating on areas later incorporated into the United States, but maintaining broad interest in other Americas. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**RELI 442. History of Religion in America since 1865. 3 Credits.**

An examination of primary sources in the history of American religion since the Civil War.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RELI 443. Evangelicalism in Contemporary America. 3 Credits.**

Juniors or seniors only. Examination of evangelicalism and its role in American society, politics, and culture. Exploration of its various subdivisions and its relation to such movements as fundamentalism, pentecostalism, revivalism, and premillennialism. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**RELI 444. Gender and Sexuality in Contemporary Judaism. 3 Credits.**

The seminar examines the developments in gender roles and in sexuality in contemporary Judaism.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, NA.

**Grading Status:** Letter grade.

**Same as:** JWST 444, WGST 448.

**RELI 445. Asian Religions in America. 3 Credits.**

A study of intercultural interaction and interreligious encounter focusing on Asian religions in America, 1784 to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, US.

**Grading Status:** Letter grade.

**Same as:** ASIA 445.

**RELI 446. Christian-Jewish Relations throughout the Ages. 3 Credits.**

An exploration of the varied and complex relationships which have developed between Christianity and Judaism, from the first century to the 21st century.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**RELI 448. Native and Christian: Indigenous Engagements with Christianity. 3 Credits.**

This course examines diverse indigenous engagements with Christianity from earliest contacts to the present. Topics range from missionary contestations in colonial Mexico to the fight for religious freedom in 20th-century United States, from historical revitalization movements like the Ghost Dance to contemporary indigenous theologies in North and South America.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**RELI 450. Sexuality in Jewish Tradition and History. 3 Credits.**

This course deals with various topics related to sexuality and marriage in Jewish tradition and history: sex outside of marriage, wedding ceremonies, regulations of marital sex, menstruation, homosexuality, and more.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**Same as:** WGST 450.

**RELI 452. Documenting Religion. 3 Credits.**

This course examines contemporary efforts to describe and document religious difference. We examine the political and ethic problems inherent to representing religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Grading Status:** Letter grade.

**RELI 454. The Reformation. 3 Credits.**

Examines a movement of religious reform that shattered Latin Christendom and contributed many of the conditions of early modern Europe. Emphases: religious, political, social.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** HIST 454.

**RELI 465. Monotheistic Mysticism. 3 Credits.**

In medieval Jewish Kabbalah, Christian mysticism, and Islamic Sufism, devotees attempt to express direct experiences of an infinite God. This course examines theories of mystical language, particularly the negation of language, the turn to the visual and the body, and the tension between communal and individual expressions of the divine.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**RELI 474. Buddhist Meditation, Mindfulness, and Modernity. 3 Credits.**

This course introduces students to a variety of ancient and modern approaches to Buddhist meditation, to their philosophical underpinnings, and to the various claims and purposes associated with mindfulness practices in the past and today. Students will be expected to practice the different types of meditation discussed.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, EE- Field Work.

**Grading Status:** Letter grade.

**RELI 480. Modern Muslim Literatures. 3 Credits.**

Stresses the diversity of modern Islamic experience by examining the works of various Muslim authors. Genres may include travelogues, memoirs, novels, sermons, and treatises, among others.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES.

**Making Connections Gen Ed:** LA, BN, GL.

**Grading Status:** Letter grade.

**RELI 481. Religion, Fundamentalism, and Nationalism. 3 Credits.**

An exploration of explosive combinations of religion and politics in the Iranian revolution, the Palestinian movement, Hindu nationalism in India, and Christian fundamentalism in America.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** PWAD 481.

**RELI 482. Sex, Gender, and Religion in South Asia. 3 Credits.**

This seminar draws on feminist and philosophical theory, including the works of Plato, Butler, and Foucault, as well as postcolonial theory, to explore the categories of sex and gender in South Asian religions. We also analyze the moral cultivation of the self in relation to gender identity in South Asia.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 482, WGST 482.

**RELI 485. Gender and Sexuality in Islam. 3 Credits.**

This course approaches constructions of gender and sexuality in Muslim societies in diverse historical and geographical contexts. It focuses on changing interpretations of gender roles and sexual norms. Themes include gender in Islamic law, sexual ethics, masculinity, homosexuality, marriage, and dress.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER, RESEARCH.

**Making Connections Gen Ed:** BN, CI.

**Grading Status:** Letter grade.

**Same as:** ASIA 485.

**RELI 486. Islam and Feminism/Islamic Feminism. 3 Credits.**

This course explores Muslim women scholars, activists, and movements that have, over the course of the past 150 years, participated in the debate about the compatibility and relationship of Islam and feminism. It offers an introduction to feminist debates about religion and patriarchy focusing on Islam as 'other' and juxtaposes its critical analysis of contextual expressions of Muslim and Islamic feminist activists, thinkers, and movements that challenge and change gender norms and practices.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 486.

**RELI 487. Mountains, Pilgrimage, and Sacred Places in Japan. 3 Credits.**

This course explores the role that mountains and pilgrimage have played in Japanese cosmology and how they relate to methodology of studying place and space.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, CI.

**Grading Status:** Letter grade.

**Same as:** ASIA 487.

**RELI 488. Shinto in Japanese History. 3 Credits.**

This course discusses the development of Shinto in Japanese history and covers themes such as myths, syncretism, sacred sites, iconography, nativism, religion and the state, and historiography.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, CI, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 488.

**RELI 489. Animals in Japanese Religion. 3 Credits.**

Permission of the instructor. This course examines the cultural construction of animals in Japanese myth, folklore, and religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 489.

**RELI 501. The History of the Bible in Modern Study. 3 Credits.**

This course will examine how the modern historical-critical enterprise of biblical scholarship arose, out of what historical circumstances, for what purposes, and to what effect. What are its major aspects? How does it relate to other forms of academic and theological inquiry? How has this enterprise fared in recent times?

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**RELI 502. Myths and Epics of the Ancient Near East. 3 Credits.**

An examination of Babylonian, Canaanite, Egyptian, Hittite, and Sumerian texts from the prebiblical era, focusing on representative myths, epics, sagas, songs, proverbs, prophecies, and hymns. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**Same as:** FOLK 502.

**RELI 503. Exploring the Dead Sea Scrolls. 3 Credits.**

A comprehensive introduction to the Dead Sea Scrolls and the different Jewish groups connected with them. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Grading Status:** Letter grade.

**Same as:** JWST 503.

**RELI 504. Readings in Hebrew Bible. 3 Credits.**

This course will examine a major corpus of the Hebrew Bible with attention to the full range of historical-critical issues. Attention will be paid as well to early forms of biblical interpretation and their use in the religious life of subsequent communities.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**RELI 512. Ancient Synagogues. 3 Credits.**

This is a course on ancient synagogues in Palestine and the Diaspora from the Second Temple period to the seventh century CE.


**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.


**Making Connections Gen Ed:** VP, BN, WB.


**Grading Status:** Letter grade.

**Same as:** CLAR 512, JWST 512.


 **RELI 514. Judaism and the Search for Christian Origins. 3 Credits.** Although the origins of Christianity clearly lie in Judaism—the religious framework inherited by Jesus and his disciples—scholars disagree over how and when the two traditions diverged. This course explores critical issues in the conceptualization of this parting, including the theoretical difficulty of distinguishing religion from ethnicity in a premodern context, competing ways of analyzing intermediate groups (“Jewish Christianities”), and the methodological and ethical problems of 19th-20th century scholarship in this area (e.g., Protestant bias, antisemitism).


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER, RESEARCH.  
**Making Connections Gen Ed:** WB.  
**Grading Status:** Letter grade.


 **RELI 515. Cultural Histories of the New Testament. 3 Credits.** This course traces the “lives” of individual New Testament texts to illuminate the shifting interests of Christians through different periods. It takes its departure from the idea that texts and the meanings attached to them are “symptoms of culture,” implicitly encoding the anxieties and self-representations of the communities that produce them. In the hands of their authors and readers, biblical texts have served as sites for synthesizing tradition, negotiating difference, and constructing identity. Rotating topics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.  
**Making Connections Gen Ed:** LA, WB.  
**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.  
**Grading Status:** Letter grade.

 **RELI 522. 19th-Century Critiques of Religion. 3 Credits.** Permission of the instructor. An exploration of influential 19th-century critiques of religion, including texts by such thinkers as Feuerbach, Marx, Kierkegaard, Nietzsche, Stanton, Douglass, and Freud.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.  
**Making Connections Gen Ed:** PH, NA.  
**Grading Status:** Letter grade.

**RELI 524. Ethnographic Approaches to Contemporary Religion. 3 Credits.** Critical exploration of exemplary contemporary ethnographies of religion focusing on the ways that ethnographic methods and writing styles shape knowledge of religious and cultural life in various traditions and parts of the world. Topics considered include field work, culture, ethics, and the challenges of interpreting and representing religious experience.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, CI.  
**Grading Status:** Letter grade.

**RELI 525. Seminar in Religion and Literature. 3 Credits.** Seminar topic varies.


**Rules & Requirements**

**Grading Status:** Letter grade.

 **RELI 527. Religious Metaphor and Symbol. 3 Credits.**

This course explores the myriad and complex issues related to the function of metaphor and symbol in religious language.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.  
**Making Connections Gen Ed:** PH, CI.  
**Grading Status:** Letter grade.

**RELI 528. Rituals and Rhetorics of Religion. 3 Credits.**

An examination of ritual, allegory, and symbol as modes of religious expression in cultic and literary contexts.


**Rules & Requirements**

**Grading Status:** Letter grade.

 **RELI 530. Genealogies of Religion. 3 Credits.**

This seminar explores the historical development of “religion” as a concept and object of academic scholarship through the critical study of key texts and foundational debates about religion in Western thought.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.  
**Making Connections Gen Ed:** PH, NA.  
**Grading Status:** Letter grade.

 **RELI 533. Women, Gender, and Judaism. 3 Credits.**

This course examines historical developments in the study of women and gender in Judaism. We will discuss efforts to challenge and revitalize Jewish tradition through the lens of gender theory and other critical interpretive approaches. Topics to be addressed include biblical interpretation, Jewish law, feminist Jewish theology and liturgy, the renewal of ritual, the rabbinic ordination of women, gender identity, race, sexuality, queer, trans, and non-binary approaches, and representations of these themes in various media.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER, RESEARCH.  
**Making Connections Gen Ed:** HS, CI.  
**Grading Status:** Letter grade.  
**Same as:** JWST 533, WGST 533.

**RELI 540. Mormonism and the American Experience. 3 Credits.**

Exploration of the history, beliefs, and practices of Mormons. Will include visits to Latter-Day Saints services, guest speakers, and discussion of race and gender in the contemporary church.


**Rules & Requirements**

**Requisites:** Prerequisite, RELI 140; permission of the instructor for students lacking the prerequisite.  
**Grading Status:** Letter grade.

 **RELI 541. Evangelicalism from a Global Perspective. 3 Credits.**

The course will examine the evangelical tradition from a global perspective, exploring the tradition from its early rise in Europe to its impact on the Americas, Africa, and Asia. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL, RESEARCH.  
**Making Connections Gen Ed:** SS, GL.  
**Grading Status:** Letter grade.



**RELI 542. Religion and the Counterculture. 3 Credits.**

The course examines the interaction between the values and messages of the counterculture and religious groups, ideas, and practices during the Vietnam War era. It also investigates the impact of countercultural norms and styles on the current American religious scene. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**RELI 565. Medieval Jews and the Bible. 3 Credits.**

This course explores the Jewish interpretation of the Bible, focusing on important commentaries from influential medieval Ashkenazi and Sephardic thinkers.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**RELI 566. Islamic and Jewish Legal Literature. 3 Credits.**

This course explores many aspects of the Halakhah, the Jewish traditional legal system, focusing on issues such as rituals, holidays, religious obligations and prohibitions, and laws regulating sexual activity.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**RELI 569. Interfaith Marriages and Intimacy in World Religions. 3 Credits.**

This seminar explores the topic of intimate relations between people who consider themselves, or are considered by others, to be part of different religious groups. We will explore cases in which such relations achieve the social sanction of marriage and cases in which the relations are of a more temporary nature.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RELI 574. Chinese World Views. 3 Credits.**

Explores the indigenous Chinese sciences and the cosmological ideas that informed them. Topics include astronomy, divination, medicine, fengshui, and political and literary theory. Chinese sources in translation are emphasized.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** ANTH 574, ASIA 574.

**RELI 580. African American Islam. 3 Credits.**

An historical examination of African American Islam in the United States. Explores the intellectual, cultural, social, and political roots of black Islam in addition to its diverse doctrinal, ritual, and institutional manifestations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**RELI 581. Sufism. 3 Credits.**

Permission of the instructor. A survey of Islamic mysticism, its sources in the Qur'an and the Prophet Muhammad, and its literary, cultural, and social deployment in Arab, Persian, Indic, and Turkish regions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 581.

**RELI 582. Islam and Islamic Art in South Asia. 3 Credits.**

A survey of the formation of Islamic traditions in the subcontinent from the eighth century to the present, with emphasis on religion and politics, the role of Sufism, types of popular religion, and questions of Islamic identity.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 582.

**RELI 583. Religion and Culture in Iran, 1500-Present. 3 Credits.**

Iran from the rise of the Safavid empire to the Islamic Republic. Topics include Shi'ism, politics, intellectual and sectarian movements, encounters with colonialism, art and architecture, music, literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 583.

**RELI 584. The Qur'an as Literature. 3 Credits.**

A nontheological approach to the Qur'an as a literary text, emphasizing its history, form, style, and interpretation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 584.

**RELI 585. Religion and Culture of Turkey. 3 Credits.**

This course will cover the history of Turkey from the Byzantine period until contemporary times. Key aspects of Turkish culture (architecture, music, poetry to arts) will be covered.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**RELI 586. Women and Gender in Japanese Religions. 3 Credits.**

This seminar explores the roles of women in the religions of Japan (including Buddhism, Shinto, folk religions, pilgrimage, new religions movements, and new spirituality culture) from goddesses, shamans, nuns, and pilgrims to demons, temptresses, and lesser human beings. The course traces these themes across Japanese socioeconomic and religious history.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, BN, CI.

**Grading Status:** Letter grade.

**RELI 587. Islam and Sexual Diversity. 3 Credits.**

This course explores sexual norms and practices in Muslim contexts in the premodern and modern periods. It considers theories from sexuality, gender, and queer studies, and focuses on the contextual production of sexual norms, going beyond the sex and gender binary, and reflecting on a diverse range of sexual practices in Muslim communities and societies, analyzing concepts such as power, pleasure, control, as they are mapped onto and lived in diverse Muslim bodies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 587.

**RELI 590. Topics in the Study of Religion. 3 Credits.**

Permission of the instructor. Subject matter will vary with instructor but will always be focused on a particular problem or issue.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**RELI 592. Religious Conflict and Literature in India. 3 Credits.**

Historical causes of violence between Hindus and Muslims in modern India. Short stories, poetry, and novels in translation are used to explore how conflicts over religious sites, religious conversion, image worship, and language contributed to a sense of conflicting religious identity.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** HNUR 592.

**RELI 602. What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon. 3 Credits.**

The course traces the past and continued canonical processes that define what the Hebrew Bible/Old Testament has been and is today, with a focus on the history of biblical interpretation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**Same as:** JWST 602.

**RELI 603. The Bible and Its Translation. 3 Credits.**

This course explores the translation of the Hebrew Bible in the West, with a view toward identifying religious and ideological trends.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**RELI 607. Problems in Early Christian Literature and History. 3 Credits.**

Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** NA, WB.

**Requisites:** Prerequisite, RELI 104, 207, 208, 209, 217 or 413; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**RELI 608. The Messiah and the Apocalypse. 3 Credits.**

Ideas concerning the Messiah and the end of the world held by Jews, Christians, and Muslims. Emphasis on the beginning of the Christian era.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RELI 609. Christianity and Greco-Roman Culture. 3 Credits.**

The seminar surveys the development of Christianity in the Roman empire and examines a variety of attitudes adopted by early Christians toward Greco-Roman philosophy, religion, education, and literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH, WB.

**Requisites:** Prerequisite, RELI 104, 209, or 217; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**RELI 610. Readings in the Apostolic Fathers. 3 Credits.**

Reading of the Apostolic Fathers. Students must have completed two courses in New Testament/Early Christianity and two years of Greek.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RELI 614. The Cult of Saints: Narratives, Materialities, Practices. 3 Credits.**

By late antiquity, the cult of martyrs and other saints had become "so popular among all levels of Christians, rich and poor, cleric and layperson, rustic and urban dweller, monastic and spouse," that it represented a "rudimentary framework for Christianity" (Limberis 2011). This course traces the origins and development of the cult, conceptualizing it as a network of discourses, practices, and representations. It also explores the cult's impact on neighboring, non-Christian cultures.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**RELI 617. Death and Afterlife in the Ancient World. 3 Credits.**

Examinations of practices and discourses pertaining to death and the afterlife in the ancient civilizations of Near East, Greece, and Rome. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**RELI 620. Feminism and Religion. 3 Credits.**

This course introduces students to the rich and multi-faceted debates within and about feminism and religion. Through the cultivation of careful and critical reading practice of primary texts by religious feminists and their secular critics, the course enables students to recognize the patterns and arguments of historical and contemporary debates within and across religious traditions and communities, while continuously tracing the ethical commitments and underlying values of feminist scholars and activists.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, CI.

**Grading Status:** Letter grade.

**RELI 662. Advanced Seminar in Contemporary Catholicism. 3 Credits.**

This advanced seminar is for undergraduate and graduate students who have at least a basic knowledge about Catholicism. The range of topics to be discussed is open and will depend on students' interests and suggestions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**RELI 665. Body and Suffering in Christian Mysticism. 3 Credits.**

Permission of the instructor for nonmajors. Medieval Christians consistently focused on the suffering body as a means of reflecting on Christ's sacrifice. This course considers how medical theories of cognition, gender, and pain influenced the potential role of the body in medieval mystical experience.

**Rules & Requirements**

**Making Connections Gen Ed:** NA, WB.

**Grading Status:** Letter grade.

**Same as:** WGST 664.

**RELI 668. Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire. 3 Credits.**

Permission of the instructor for nonmajors. This course on the "Atlantic World" studies Muslims, Christians, and Jews in the medieval Iberian kingdoms, then the religious "other" in the colonial expansion to Mexico, Peru, and the Philippines, by deploying theories concerning race, gender, sexuality, and postcoloniality.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, WB.

**Grading Status:** Letter grade.

**RELI 681. Readings in Islamicate Literatures. 3 Credits.**

Permission of the instructor. Study of selected religious, literary, and historical texts in Arabic, Persian, or Urdu.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** ARAB 681, ASIA 681.

**RELI 688. Observation and Interpretation of Religious Action. 3 Credits.**

Permission of the instructor. Exercises (including field work) in learning to read the primary modes of public action in religious traditions, e.g., sermons, testimonies, rituals, and prayers.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Mentored Research.

**Grading Status:** Letter grade.

**Same as:** ANTH 688, FOLK 688.

**RELI 691H. Honors in Religious Studies. 3 Credits.**

Permission of the director of undergraduate studies. Required of all students reading for honors in religious studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**RELI 692H. Honors in Religious Studies. 3 Credits.**

Permission of the director of undergraduate studies. Required of all students reading for honors in religious studies.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**RELI 696. Independent Study. 3 Credits.**

Advanced undergraduate or graduate standing and permission of the instructor. Subject matter should be arranged with a specific instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**RELI 697. Capstone: Undergraduate Seminar. 3 Credits.**

Majors only. Concentrating on a different theme each year, this departmental seminar introduces the different areas and approaches in religious studies.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

## JWST–Jewish Studies

### Undergraduate-level Courses

#### JWST 56. First-Year Seminar: Germans, Jews, and the History of Anti-Semitism. 3 Credits.

This course seeks to explore the historically difficult position of minorities in the modern world, using the situation of Jews in Germany from the 18th century to the Holocaust as a case study. Previously offered as GERM 56.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, CI, NA.

**Grading Status:** Letter grade.

**Same as:** GSLL 56.

#### JWST 60. First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities. 3 Credits.

The course explores selected themes and case studies pertinent to culture and society in modern Israel, with emphasis on debates about "Israeliness" in various cultural and social arenas.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR, FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 60.

#### JWST 89. First-Year Seminar: Special Topics. 3 Credits.

Special topics course. Content will vary by each semester.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Grading Status:** Letter grade.

#### JWST 100. Introduction to Jewish Studies. 3 Credits.

An introduction to the broad scope of Jewish history, culture, and identity, from biblical times to the 21st century and from the Middle East to the New World.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** RELI 123.

#### JWST 101. Elementary Modern Hebrew I. 3 Credits.

Introduces the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Same as:** HEBR 101.

**Global Language:** Level 1.

#### JWST 102. Elementary Modern Hebrew II. 3 Credits.

Continued instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, HEBR 101.

**Grading Status:** Letter grade.

**Same as:** HEBR 102.

**Global Language:** Level 2.

#### JWST 103. Introduction to the Hebrew Bible/Old Testament Literature. 3 Credits.

This course introduces students to the various books of the Hebrew Bible and to the history and culture of ancient Israel, focusing on the formation of national identity, ancient conceptualizations of divinity, ritual practice, and modes of social regulation, all of which are set against the background of the ancient Near East. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 103.

#### JWST 106. Introduction to Early Judaism. 3 Credits.

This course surveys Jewish history and religion during the Second Temple and Rabbinic periods, from the destruction of the First Jewish Temple (Solomon's Temple) in 586 BCE to the Muslim conquest of Palestine (640 CE).

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 106.

#### JWST 107. Introduction to Modern Judaism. 3 Credits.

The course offers a comprehensive understanding of the development of Judaism from the late Middle Ages to contemporary times.

#### Rules & Requirements

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** RELI 107.

#### JWST 110. The Archaeology of Palestine in the New Testament Period. 3 Credits.

This course surveys the archaeology of Palestine (modern Israel and Jordan) from the Persian period (ca. 586 BCE) to the Muslim conquest (640 CE).

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 110, CLAR 110.

**JWST 143. Judaism in Our Time. 3 Credits.**

An examination of Judaism in its two major centers, demonstrating how different social and cultural environments shape very different interpretations and practices of the Jewish tradition.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** RELI 143.

**JWST 153. From the Bible to Broadway: Jewish History to Modern Times. 3 Credits.**

This class surveys the history of the Jews from ancient to modern times. It focuses on the development of Jewish religion, culture identity, and politics in Jewish communities in the Western, Atlantic and Middle Eastern Worlds. It also explores the development of antisemitism and anti-Jewish violence.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 153.

**JWST 203. Intermediate Modern Hebrew I. 3 Credits.**

Second-year instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed. An introduction to representative literary works is included.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GBLB-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, HEBR 102.

**Grading Status:** Letter grade.

**Same as:** HEBR 203.

**Global Language:** Level 3.

**JWST 204. Intermediate Modern Hebrew II. 3 Credits.**

Continued instruction in the essential elements of modern Hebrew structure and vocabulary and aspects of modern Israeli culture. Aural comprehension, reading, speaking, and writing are stressed. An introduction to representative literary works is included.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, HEBR 203.

**Grading Status:** Letter grade.

**Same as:** HEBR 204.

**Global Language:** Level 4.

**JWST 206. Prophecy and Divination in Ancient Israel and Judah. 3 Credits.**

An examination of prophecy and divination in the Israelite-Jewish traditions and in their environments, including an analysis of the major biblical prophets. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 206.

**JWST 211. Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible. 3 Credits.**

An introduction to the culture and history of ancient Israel through an exploration of the language of the Hebrew Bible. Students will learn the essentials for basic engagement with biblical Hebrew, then consider what this linguistic evidence reveals about the historical and cultural background of the Hebrew Bible.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 211.

**JWST 212. Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible. 3 Credits.**

This course explores the linguistic background of the Hebrew Bible, giving special attention to the literary aspect of biblical interpretation. Specific topics include the forms of the Hebrew verb, prose and poetic genres in the Hebrew Bible, wordplay and repetition, narration and dialogue.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, RELI 211.

**Grading Status:** Letter grade.

**Same as:** RELI 212.

**JWST 224. Modern Jewish Thought. 3 Credits.**

This course examines how contemporary thinkers have considered philosophy, ethics, and theology from a Jewish perspective. Methodological points of inquiry include: the role of interpretation in Judaism, revelation and redemption, authority and tradition, pluralism and inclusion, suffering and evil, gender and Jewish philosophy, and 20th-century approaches to God. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**Same as:** RELI 224.

**JWST 225. Popular and Pious: Early Modern Jewish Literature. 3 Credits.**

This seminar covers popular and pious literature written by and for Jews in the 15th to 18th century in German-speaking countries. Originally written in Old Yiddish, this literature preserved the popular European genres and nonfiction accounts of Jewish community and family life. Previously offered as GERM 225.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** GSLL 225.

**JWST 235. Israeli Cinema: Gender, Nation, and Ethnicity. 3 Credits.**

The course explores major periods and trends in Israeli cinema. Focus is given to issues pertaining to gender, ethnicity, and the construction of national identity. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 235, PWAD 235.

**JWST 239. German Culture and the Jewish Question. 3 Credits.**

A study of the role of Jews and the "Jewish question" in German culture from 1750 to the Holocaust and beyond. Discussions and texts (literary, political, theological) in English. Previously offered as GERM 270.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL, NA.

**Grading Status:** Letter grade.

**Same as:** GSLL 270, CMPL 270, RELI 239.

**JWST 243. Introduction to American Judaism. 3 Credits.**

Course provides a comprehensive introduction to American Judaism, its various movements, institutions, theological, and liturgical characteristics, as well as its standing within the larger framework of religious life in America.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** RELI 243.

**JWST 253. A Social History of Jewish Women in America. 3 Credits.**

This course examines the history and culture of Jewish women in America from their arrival in New Amsterdam in 1654 to the present and explores how gender shaped this journey.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** AMST 253, WGST 253.

**JWST 262. History of the Holocaust: The Destruction of the European Jews. 3 Credits.**

Anti-Semitism; the Jews of Europe; the Hitler dictatorship; evolution of Nazi Jewish policy from persecution to the Final Solution; Jewish response; collaborators, bystanders, and rescuers; aftermath.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 262, PWAD 262.

**JWST 268. Cultural Trends in Post-Communist Central Europe: Search for Identity, Importance of Jewish Voices. 3 Credits.**

We will study how contemporary literary and cinematic works of Central European intellectuals serve as reflections on the everyday life of this region. Readings and class discussions in English. Films with English subtitles.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** GSLL 268.

**JWST 269. Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks. 3 Credits.**

This course examines the roles and representations of Jews in the world of the theater from Shakespeare's *The Merchant of Venice* to the present, considering dramas, operas, musicals, film adaptations, and films. Readings and discussions in English.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**Same as:** GSLL 269, CMPL 269.

**JWST 274. Representing the Holocaust: Mediating Trauma in Art and Theory. 3 Credits.**

This course will explore artistic mediations of the Holocaust in literature, film, and beyond. It focuses on questions of representation, authenticity, appropriateness and uniqueness, the role of memory, the problems and limits of language in articulating the Shoah, and issues of trauma and justice. Readings and class discussions in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Grading Status:** Letter grade.

**Same as:** GSLL 274.

**JWST 289. Jewish American Literature and Culture of the 20th Century. 3 Credits.**

Through readings in a wide range of genres, this course will examine major factors and influences shaping Jewish American literature and culture in the 20th century.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** ENGL 289.

**JWST 305. Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions. 3 Credits.**

Third year of instruction in modern Hebrew with an emphasis on Israeli culture, literature, and media. Students will immerse themselves in language communication while exploring authentic materials that showcase the experience of immigration to Israel.

**Rules & Requirements**


**IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, HEBR 204.

**Grading Status:** Letter grade.

**Same as:** HEBR 305.

**Global Language:** Level 5.

 **JWST 306. Advanced Composition and Conversation: Zionism and the Hebrew Language. 3 Credits.**

Third year of instruction in modern Hebrew with an emphasis on Israeli culture, literature, and media. Students will engage in language communication while exploring authentic materials that showcase the history of Zionism, the Hebrew language, and immigration.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, HEBR 204.

**Grading Status:** Letter grade.

**Same as:** HEBR 306.

**Global Language:** Level 6.

**JWST 308. The Renaissance and the Jews. 3 Credits.**

The Renaissance (1300-1600) is known as a time of great artistic, scientific, and political renewal. But did Jews, the only religious minority in Europe, get an opportunity to benefit from and participate in that progress? This class studies the history of the Jews at a time of great cultural change.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 308.

**JWST 330. Jesus and the Jews: From the Bible to the Big Screen. 3 Credits.**

This class will study the history of the claim that the Jews are responsible for Christ's death. Students will examine the power of this idea to travel through time and space and discuss how it is portrayed differently and with different purposes throughout history. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** HIST 330.

 **JWST 343. Religion in Modern Israel. 3 Credits.**

The relation between religious communities, their hopes and their agendas to the culture, politics, and law of the country has been a central feature of the Israeli state from its inception. Religious faiths, agendas, and affiliations have affected the character of the country, as well as its relationships with groups and governments around the globe.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 343.

 **JWST 358. Religion and Tradition in Israeli Cinema, TV, and Literature. 3 Credits.**

This research-intensive course focuses on the ways religion and religious practices are represented in Israeli literature and media. The greater part of the semester will explore the variety of religious traditions in Israel within the framework of Zionist thought, gender and sexuality issues, and ethnic differences.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL *or* FC-POWER, RESEARCH.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** ASIA 358.

**JWST 360. The Jewish Writer in American Life. 3 Credits.**

This course will investigate, through literature, film, and song, the encounter of Eastern European Jews and their descendants with Anglo-Protestant America over four generations.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, US.

**Grading Status:** Letter grade.

 **JWST 380. Traditions in Transition: Jewish Folklore and Ethnography. 3 Credits.**

This seminar examines Jewish stories, humor, ritual, custom, belief, architecture, dress, and food as forms of creative expression that have complex relationships to Jewish experience, representation, identity, memory, and tradition. What makes these forms of folklore Jewish, how do source communities interpret them, and how do ethnographers document them? Previously offered as FOLK/JWST 505.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH *or* FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** VP, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** FOLK 380.

**JWST 390. Special Topics in Jewish Studies. 1 Credits.**

Subject matter will vary with instructor but will always be focused on a particular problem or issue. Course description is available from the departmental office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses**

**JWST 412. From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture. 3 Credits.**

An overview of the literary and cultural movements in 20th and 21st century Poland as they relate to major historical changes of the century (World War I and World War II, Communism, Post-communism, accession to the European Union). All readings and discussions in English; readings available in Polish for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** PLSH 412.

**JWST 420. Post-Holocaust Ethics and Theology. 3 Credits.**

This course examines the challenges posed to ethics and theology by the Holocaust. We will address philosophical and moral issues such as the problem of evil, divine omniscience, omnipotence, suffering, theodicy, representation, testimony, and an ethics of memory. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**Same as:** RELI 420.

**JWST 425. Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music. 3 Credits.**

Focuses on the various collaborations, exchanges, and mutual enrichment between Israelis and Palestinians in the realm of culture, particularly literature and cinema. These connections include language (Israeli Jewish authors writing in Arabic and Palestinian writers who choose Hebrew as their language of expression), collaborating in filmmaking, and joint educational initiatives.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 425, PWAD 425.

**JWST 436. Language, Exile, and Homeland in Zionist Thought and Practice. 3 Credits.**

Employing Zionist and post- and anti-Zionist documents, treatises, and mostly literary and cinematic texts, this class will focus on the relations between language, Jewish-Israeli identity, and the notion of homeland. Previously offered as HEBR 436.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 436.

**JWST 444. Gender and Sexuality in Contemporary Judaism. 3 Credits.**

The seminar examines the developments in gender roles and in sexuality in contemporary Judaism.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, NA.

**Grading Status:** Letter grade.

**Same as:** RELI 444, WGST 448.

**JWST 462. The Arab-Jews: Culture, Community, and Coexistence. 3 Credits.**

This course is designed to examine Jewish life in Arab lands in the last century by examining culture, language, and the communal life that the Arab-Jews shared with their neighbors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** BN, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 462, PWAD 462.

**JWST 464. Imagined Jews: Jewish Themes in Polish and Russian Literature. 3 Credits.**

Explores the fictional representation of Jewish life in Russia and Poland by Russian, Polish, and Jewish authors from the 19th century to the present. Taught in English; some foreign language readings for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** SLAV 464.

**JWST 465. Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe. 3 Credits.**

Historical contexts and connections through artistic representation of the Holocaust and Soviet terror in Eastern Europe and the USSR. Taught in English; some foreign language readings for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN, GL.

**Grading Status:** Letter grade.

**Same as:** GSLL 465, PWAD 465.

**JWST 466. Language Remains: German-Jewish Dialogues and Beyond. 3 Credits.**

This course explores German-Jewish writing before and after the Holocaust, focusing on the social and political position of Jews in German-speaking countries and how those are manifest in their relation to the German language.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** GERM 466.

**JWST 469. Coming to America: The Slavic Immigrant Experience in Literature. 3 Credits.**

Fictional and autobiographical expressions of the Slavic and East European immigrant experience in the 20th century. Readings include Russian, Polish, Jewish, and Czech authors from early 1900s to present. Taught in English; some foreign language readings for qualified students.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**Same as:** SLAV 469.

**JWST 476. Religion and Ethnicity. 3 Credits.**

The history of modern Eastern, East Central, and southeastern Europe has been shaped by the ethnic and religious diversity of the regions. This course examines experiences in the Russian, Habsburg, and Ottoman Empires and their successor states from the 19th century to the present day.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 476.



 **JWST 480. Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities. 3 Credits.**

This course delves into the scintillating literary, visual, musical, and cinematic culture created by Jewish universalists seeking to build their new secular identity under the aegis of the Soviet Communist experiment in the aftermath of the 1917 Bolshevik coup. Surveys the works of Isaac Babel, Eduard Bagritsky, Marc Chagall, Sergey Eisenstein, Ilya Ehrenburg, Masha Gessen, Vasily Grossman, Osip Mandelstam, and others. Taught in English; some readings in Russian for qualified students; films with English subtitles. Honors version available.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** RUSS 480.

 **JWST 481. Jewish Belonging/s: The Material Culture of Jewish Experience. 3 Credits.**

What makes an object "Jewish"? This seminar examines how we think about, animate, repurpose, and display "Jewish" objects in the public realm, cultural institutions, religious spaces, and the home. We consider how makers and users negotiate objects' various meanings within the domains of prayer, performance, entertainment, and exhibition. The class curates a final group exhibition of Jewish material culture based on original fieldwork.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE, RESEARCH.

**Making Connections Gen Ed:** VP, EE- Field Work, US.

**Grading Status:** Letter grade.

**Same as:** FOLK 481.

**JWST 485. From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History. 3 Credits.**

Eastern Europe was one of the largest centers of Jewish civilization from premodern times to the Second World War, giving rise to important religious, cultural, and political developments in Jewish modernity. This course examines main developments of Jewish society from the late 18th century until the aftermath of the Holocaust.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 485.

 **JWST 486. The Jewish South: Race, Region, and Religion. 3 Credits.**

This course explores ethnicity in the South and focuses on the history and culture of Jewish Southerners from their arrival in the Carolinas in the 17th century to the present day.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, CI, US.

**Grading Status:** Letter grade.

**Same as:** AMST 486.

 **JWST 503. Exploring the Dead Sea Scrolls. 3 Credits.**

A comprehensive introduction to the Dead Sea Scrolls and the different Jewish groups connected with them. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Grading Status:** Letter grade.

**Same as:** RELI 503.

 **JWST 512. Ancient Synagogues. 3 Credits.**

This is a course on ancient synagogues in Palestine and the Diaspora from the Second Temple period to the seventh century CE.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** VP, BN, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 512, CLAR 512.

 **JWST 533. Women, Gender, and Judaism. 3 Credits.**

This course examines historical developments in the study of women and gender in Judaism. We will discuss efforts to challenge and revitalize Jewish tradition through the lens of gender theory and other critical interpretive approaches. Topics to be addressed include biblical interpretation, Jewish law, feminist Jewish theology and liturgy, the renewal of ritual, the rabbinic ordination of women, gender identity, race, sexuality, queer, trans, and non-binary approaches, and representations of these themes in various media.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** HS, CI.

**Grading Status:** Letter grade.

**Same as:** RELI 533, WGST 533.

 **JWST 602. What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon. 3 Credits.**

The course traces the past and continued canonical processes that define what the Hebrew Bible/Old Testament has been and is today, with a focus on the history of biblical interpretation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 602.

**JWST 697. Capstone Course: Themes and Methodologies in Jewish Studies. 3 Credits.**

Required of majors and minors in religious studies with a concentration in Jewish studies; interested non-majors and graduate students may also enroll. Concentrating on a different theme each year, and taught by instructors affiliated with the Carolina Center for Jewish Studies, the course offers intensive grounding in key areas of and approaches to Jewish studies. Combines exploration of broad topics with scholarly rigor and specificity.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

## Contact Information

### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)

125 Carolina Hall, CB# 3225

(919) 962-5666

### Chair

Barbara Ambros

### Director of Undergraduate Studies

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Myra Quick

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## Religious Studies Major, B.A.

The Department of Religious Studies is dedicated to the study of religions as historical and cultural phenomena. It examines the history, texts, objects, beliefs, practices, and rituals of a variety of local and global religious traditions. Inherently interdisciplinary in its approach, religious studies explores religions in light of related fields in the humanities and social sciences such as anthropology, archaeology, classics, geography, history, philosophy, political science, and sociology.

## Student Learning Outcomes

Upon completion of the religious studies program, students should be able to:

- Demonstrate knowledge of influential terms, approaches, and theories in religious studies
- Effectively conduct research on a specific topic using the discipline-based methods
- Communicate research clearly and effectively
- Demonstrate effective writing skills (clear focus, relevant evidence, coherent organization)

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Six RELI courses, including courses cross-listed with other units		18
Two RELI courses numbered 400 or above, including courses cross-listed with other units		6

RELI 697	Capstone: Undergraduate Seminar	3
<b>Total Hours</b>		<b>27</b>


















Of the nine courses required in the major, students must take at least one course in three of the department's five subfields listed below.

Religious Studies (RELI) course descriptions (p. 878).

Introductory and intermediate language courses (RELI 401, RELI 402, RELI 403, RELI 404, RELI 409, RELI 410) are recommended for their usefulness but do not count toward the major in religious studies.

## Ancient Mediterranean Religions

Code	Title	Hours
RELI 63	First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3
RELI 65	First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3
RELI 70	First-Year Seminar: Jesus in Scholarship and Film	3
RELI 78	First-Year Seminar: Reading the Bible: Now and Then	3
RELI 80	First-Year Seminar: Religion and Writing in the Ancient World	3
RELI 104	Introduction to the New Testament <sup>H</sup>	3
RELI 105	Religions of the Greco-Roman World	3
RELI 109	History and Culture of Ancient Israel <sup>H</sup>	3
RELI 117	Culture of the Ancient Near East	3
RELI 201	Ancient Biblical Interpretation <sup>H</sup>	3
RELI 205	Sacrifice in the Ancient World <sup>H</sup>	3
RELI 207	Jesus in the Early Christian Gospels	3
RELI 208	The Birth of Christianity	3
RELI 209	Varieties of Early Christianity <sup>H</sup>	3
RELI 211	Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
RELI 212	Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
RELI 217	Gnosticism <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 411	Advanced Akkadian	3
RELI 412	Ugaritic	3
RELI 413	Biblical Coptic and Early Egyptian Monasticism	3
RELI 414	Syriac	3
RELI 504	Readings in Hebrew Bible	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
RELI 603	The Bible and Its Translation	3
RELI 607	Problems in Early Christian Literature and History <sup>H</sup>	3
RELI 608	The Messiah and the Apocalypse	3

RELI 609	 Christianity and Greco-Roman Culture	3	ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
RELI 610	Readings in the Apostolic Fathers	3	ASIA 301/ RELI 286	 Premodern Japanese Religions	3
RELI 617	 Death and Afterlife in the Ancient World <sup>H</sup>	3	ASIA 302/ RELI 287	 Modern Japanese Religions	3
RELI/CLAR 375	Archaeology of Cult	3	ASIA 303/ RELI 288	 Chinese Religions	3
RELI/CLAR/ JWST 110	 The Archaeology of Palestine in the New Testament Period	3	HNUR/RELI 592	Religious Conflict and Literature in India	3
RELI/CLAR/ JWST 512	 Ancient Synagogues	3	PWAD/RELI 481	 Religion, Fundamentalism, and Nationalism	3
RELI/FOLK 502	 Myths and Epics of the Ancient Near East <sup>H</sup>	3	RELI 64	 First-Year Seminar: Reintroducing Islam	3
RELI/JWST 103	 Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3	RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3
RELI/JWST 106	 Introduction to Early Judaism	3	RELI 165	 Mysticism <sup>H</sup>	3
RELI/JWST 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3	RELI 184	 East Asian Religions	3
RELI/JWST 503	 Exploring the Dead Sea Scrolls <sup>H</sup>	3	RELI 185	 Women/Gender/Islam <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Asian Religions-Islamic Studies

Code	Title	Hours
ANTH/ASIA/RELI 574	Chinese World Views	3
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures	3
ASIA/COMM/RELI 386	Dance and Embodied Knowledge in the Indian Context	3
ASIA/RELI 180	 Introduction to Islamic Civilization	3
ASIA/RELI 181	 Modern Muslim Societies	3
ASIA/RELI 183	 Asian Religions	3
ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
ASIA/RELI 284	 The Buddhist Tradition: East Asia	3
ASIA/RELI 285	 The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ASIA/RELI 382	 The Story of Rama in Indian Culture--Experiential	3
ASIA/RELI 383	 The Mahabharata: Remembered and Reimagined--Experiential	3
ASIA/RELI 384	Religion and Globalization in Southeast Asia	3
ASIA/RELI/WGST 482	Sex, Gender, and Religion in South Asia	3
ASIA/RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3
ASIA/RELI 488	 Shinto in Japanese History	3
ASIA/RELI 489	 Animals in Japanese Religion	3
ASIA/RELI 581	 Sufism	3
ASIA/RELI 582	 Islam and Islamic Art in South Asia	3
ASIA/RELI 583	 Religion and Culture in Iran, 1500-Present	3
ASIA/RELI 584	 The Qur'an as Literature	3
ASIA 300/ RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA 301/ RELI 286	 Premodern Japanese Religions	3
ASIA 302/ RELI 287	 Modern Japanese Religions	3
ASIA 303/ RELI 288	 Chinese Religions	3
HNUR/RELI 592	Religious Conflict and Literature in India	3
PWAD/RELI 481	 Religion, Fundamentalism, and Nationalism	3
RELI 64	 First-Year Seminar: Reintroducing Islam	3
RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3
RELI 165	 Mysticism <sup>H</sup>	3
RELI 184	 East Asian Religions	3
RELI 185	 Women/Gender/Islam <sup>H</sup>	3
RELI 248	 Introduction to American Islam <sup>H</sup>	3
RELI 289	 Muhammad and the Qur'an	3
RELI 381	Religions of South Asia	3
RELI 385	 Modern Muslims and the Qur'an	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 474	Buddhist Meditation, Mindfulness, and Modernity	3
RELI 480	 Modern Muslim Literatures	3
RELI 485	 Gender and Sexuality in Islam	3
RELI 524	Ethnographic Approaches to Contemporary Religion	3
RELI 580	 African American Islam	3
RELI 585	Religion and Culture of Turkey	3
RELI 586	 Women and Gender in Japanese Religions	3
RELI 590	Topics in the Study of Religion (based on topic)	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Medieval and Early Modern/Historical Studies

Code	Title	Hours
ASIA/RELI 180	 Introduction to Islamic Civilization	3
ASIA/RELI 284	 The Buddhist Tradition: East Asia	3
ASIA/RELI 488	 Shinto in Japanese History	3
ASIA/RELI 581	 Sufism	3
ASIA 301/ RELI 286	 Premodern Japanese Religions	3
ASIA 303/ RELI 288	 Chinese Religions	3
GSSL/RELI 218	Christianity and Islam in the Middle Ages	3
GERM/RELI 227	 Luther and the Bible	3
HIST/RELI 454	The Reformation	3

RELI 62	First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3
RELI 77	First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3
RELI 88	First-Year Seminar: Religion and Society in Historical Novels	3
RELI 108	Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3
RELI 161	Introduction to the History of Christian Traditions <sup>H</sup>	3
RELI 162	Catholicism Today: An Introduction to the Contemporary Catholic Church	3
RELI 163	Critical Issues in Western Religious Thought	3
RELI 164	Heresy and Inquisition: Religion, Ethics, Marginalization	3
RELI 165	Mysticism <sup>H</sup>	3
RELI 166	Ideals, Cultures, and Rituals of the University <sup>H</sup>	3
RELI 209	Varieties of Early Christianity <sup>H</sup>	3
RELI 266	Medieval and Renaissance Christian Cultures	3
RELI 365	Studies in Christian Theologies and Theologians	3
RELI 366	Medieval Religious Texts	3
RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3
RELI 368	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 450	Sexuality in Jewish Tradition and History	3
RELI 465	Monotheistic Mysticism	3
RELI 565	Medieval Jews and the Bible	3
RELI 566	Islamic and Jewish Legal Literature	3
RELI 569	Interfaith Marriages and Intimacy in World Religions	3
RELI 586	Women and Gender in Japanese Religions	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 617	Death and Afterlife in the Ancient World <sup>H</sup>	3
RELI 662	Advanced Seminar in Contemporary Catholicism	3
RELI 668	Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire	3
RELI/WGST 362	Mary in the Christian Tradition <sup>H</sup>	3
RELI/WGST 371	Women Mystics	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Religion and Culture

Code	Title	Hours
ANTH/FOLK/RELI 428	Religion and Anthropology <sup>H</sup>	3
ANTH/FOLK/RELI 688	Observation and Interpretation of Religious Action	3
CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
JWST 100/ RELI 123	Introduction to Jewish Studies	3
JWST/RELI 343	Religion in Modern Israel	3
PHIL 134/ RELI 126	Reason, Faith, and God: Philosophy of Western Religion <sup>H</sup>	3
RELI 61	First-Year Seminar: Religion, Magic, and Science	3
RELI 67	First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3
RELI 68	FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination <sup>H</sup>	3
RELI 71	First-Year Seminar: Ethics and the Spirit of the New Capitalism	3
RELI 74	First-Year Seminar: Person, Time, and Religious Conduct <sup>H</sup>	3
RELI 75	First-Year Seminar: Sacrifice and Surrender	3
RELI 76	First-Year Seminar: Money and Morality: Divining Value in Social Life	3
RELI 79	First-Year Seminar: Human Animals in Religion and Ethics	3
RELI 85	First-Year Seminar: Sex, Marriage, and Family in Religion	3
RELI 101	Introduction to Religious Studies	3
RELI 102	World Religions	3
RELI 121	Introduction to Religion and Culture <sup>H</sup>	3
RELI 122	Introduction to Philosophical Approaches to Religion <sup>H</sup>	3
RELI 125	Heaven and Hell	3
RELI 127	The Claims of Science and Religion	3
RELI 134	Introduction to Religious Ethics <sup>H</sup>	3
RELI 135	Technology, the Self, and Ethical Problems	3
RELI 138	Religious Freedom	3
RELI 222	Modern Western Religious Thought	3
RELI 224	Modern Jewish Thought <sup>H</sup>	3
RELI 225	Christian Cultures	3
RELI 232	Shrines and Pilgrimages	3
RELI 233	Religion and Violence	3
RELI 235	Place, Space, and Religion	3
RELI 236	Religious Things	3
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3

RELI 322	Theories of Religion <sup>H</sup>	3
RELI 323	Social Theory and Cultural Diversity	3
RELI 325	Religion, Magic, and Science	3
RELI 338	Religion in American Law	3
RELI 352	Anthropology of Christianity	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3
RELI 421	Religion and Science	3
RELI 425	Psychology of Religion <sup>H</sup>	3
RELI 438	Religion, Nature, and Environment <sup>H</sup>	3
RELI 522	19th-Century Critiques of Religion	3
RELI 524	Ethnographic Approaches to Contemporary Religion	3
RELI 525	Seminar in Religion and Literature	3
RELI 528	Rituals and Rhetorics of Religion	3
RELI 530	Genealogies of Religion	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI/SOCI 429	Religion and Society	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 424	Gender Theory and the Study of Religion	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Religion in the Americas

Code	Title	Hours
ANTH/FOLK/RELI 342	African-American Religious Experience	3
ASIA/RELI 445	Asian Religions in America	3
JWST/RELI 107	Introduction to Modern Judaism	3
JWST/RELI 143	Judaism in Our Time	3
JWST/RELI 243	Introduction to American Judaism	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
RELI 60	First-Year Seminar: Religion and Racism	3
RELI 66	First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys	3
RELI 69	First-Year Seminar: Gender and Sexuality in Contemporary Judaism	3
RELI 72	First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
RELI 140	Religion in America <sup>H</sup>	3
RELI 141	African American Religions <sup>H</sup>	3
RELI 142	Catholicism in America	3
RELI 151	Religion in Latin America	3
RELI 235	Place, Space, and Religion	3
RELI 240	Religion, Literature, and the Arts in America <sup>H</sup>	3
RELI 241	Messianic Movements in American History	3

RELI 242	New Religious Movements in America	3
RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
RELI 246	Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3
RELI 248	Introduction to American Islam <sup>H</sup>	3
RELI 332	The Protestant Tradition <sup>H</sup>	3
RELI 338	Religion in American Law	3
RELI 340	Liberal Tradition in American Religion	3
RELI 345	Black Atlantic Religions <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI 441	Religion in Early America <sup>H</sup>	3
RELI 442	History of Religion in America since 1865	3
RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
RELI 446	Christian-Jewish Relations throughout the Ages	3
RELI 448	Native and Christian: Indigenous Engagements with Christianity	3
RELI 501	The History of the Bible in Modern Study	3
RELI 540	Mormonism and the American Experience	3
RELI 541	Evangelicalism from a Global Perspective <sup>H</sup>	3
RELI 542	Religion and the Counterculture <sup>H</sup>	3
RELI 580	African American Islam	3
RELI 590	Topics in the Study of Religion (based on topic)	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Religious Studies

### Honors in Religious Studies

Students majoring in religious studies (including double majors) with a grade point average of 3.5 or above in department courses and 3.3 grade point average overall and who will have successfully completed at least one course numbered 400 or above on a topic in religious studies that is related to the proposed thesis may choose to write an honors thesis. Candidates for graduation with honors in religious studies are to be enrolled in RELI 691H in the fall and RELI 692H in the spring semester of their senior year. RELI 691H and RELI 692H count toward the major as courses fulfilling subfield requirements. Students should submit applications for the honors program to the department's director of undergraduate studies by the end of February during their junior year. Consult the department's director of undergraduate studies for details.

### Study Abroad

Professor Jodi Magness directs archaeological excavations in Israel during the summer. Students are welcome to participate. Other courses through the Study Abroad Office can count towards the major and minor in religious studies as well.

## Undergraduate Awards and Honors

The department presents three awards at the end of each academic year: the Bernard Boyd Fellowship, the Bernard Boyd Memorial Prize, and the Halperin-Schütz Undergraduate Essay Award.

The department also inducts qualified majors into the Religious Studies National Honor Society, Theta Alpha Kappa.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 906)
- Religious Studies Major, B.A.—Jewish Studies Concentration (p. 910)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 912)
- Jewish Studies Minor (p. 914)
- Religious Studies Minor (p. 916)
- Study of Christianity and Culture Minor (p. 919)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

## Contact Information

### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)  
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### Chair

Barbara Ambros

### Director of Undergraduate Studies

Brandon Bayne  
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### Student Services Manager, Registrar

Myra Quick  
quick@unc.edu

## Religious Studies Major, B.A.—Jewish Studies Concentration

The undergraduate major in religious studies — Jewish studies concentration is an interdisciplinary curriculum that explores the history, literature, culture, and religious life of Jews in their interaction with other peoples from ancient times to the present. It also offers students an opportunity to become more knowledgeable about selected areas of the Jewish experience.

## Student Learning Outcomes

Upon completion of the religious studies major — Jewish studies concentration, students should be able to:


- Demonstrate knowledge of Hebrew and of the history, literature, culture, and religious life of Jews across at least three historical periods
- Demonstrate knowledge of influential terms, approaches, and theories in Jewish studies
- Conduct research in Jewish studies, including interpreting primary sources, assessing scholarly literature, and constructing original arguments
- Clearly and effectively communicate the results of research

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).


Code	Title	Hours
<b>Core Requirements</b>		
JWST 100/ RELI 123	 Introduction to Jewish Studies	3
JWST 697	Capstone Course: Themes and Methodologies in Jewish Studies	3
One course on the ancient period (see list below) <sup>1</sup>		3
One course on the medieval or early modern period (see list below) <sup>1</sup>		3
One course on the period from 1750 to the present (see list below) <sup>1</sup>		3
At least three courses taught outside the Department of Religious Studies (courses are identified by a footnote in the three lists below) <sup>1</sup>		9
<b>Additional Requirements</b>		
Students must take two courses at or above the 400 level <sup>2</sup>		
Two courses on the Hebrew language from: HEBR 101, HEBR 102, HEBR 203, and HEBR 204		6
RELI 211 and RELI 212		
RELI 401, RELI 402, RELI 403, and RELI 404		
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> Courses listed more than once can be counted for only one category.

<sup>2</sup> Exclusive of the capstone seminar (JWST 697).

Although this concentration of the religious studies major is housed in the Department of Religious Studies, the director of Jewish studies is responsible for advising all students who elect the concentration in Jewish studies.





### Ancient Period

Code	Title	Hours
CLAR/JWST/ RELI 110	 The Archaeology of Palestine in the New Testament Period	3

CLAR/JWST/ RELI 512	 Ancient Synagogues	3
JWST/RELI 103	 Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
JWST/RELI 106	 Introduction to Early Judaism	3
JWST/RELI 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3
JWST/RELI 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
JWST/RELI 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
JWST/RELI 503	 Exploring the Dead Sea Scrolls <sup>H</sup>	3
JWST/RELI 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
RELI 78	 First-Year Seminar: Reading the Bible: Now and Then	3
RELI 109	 History and Culture of Ancient Israel <sup>H</sup>	3
RELI 201	 Ancient Biblical Interpretation <sup>H</sup>	3
RELI 608	The Messiah and the Apocalypse	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


### Medieval or Early Modern Period

Code	Title	Hours
GSSL/JWST 225	 Popular and Pious: Early Modern Jewish Literature <sup>1</sup>	3
HIST/JWST 153	 From the Bible to Broadway: Jewish History to Modern Times <sup>1</sup>	3
HIST/JWST 308	The Renaissance and the Jews <sup>1</sup>	3
HIST/JWST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>1,H</sup>	3
RELI 108	 Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3
RELI 565	Medieval Jews and the Bible	3
RELI 566	Islamic and Jewish Legal Literature	3
RELI/WGST 450	 Sexuality in Jewish Tradition and History	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Courses taught outside the Department of Religious Studies.

### Period from 1750 to the Present

Code	Title	Hours
AMST/JWST 486	Shalom Y'all: The Jewish Experience in the American South <sup>1</sup>	3
AMST/JWST/ WGST 253	A Social History of Jewish Women in America <sup>1</sup>	3
ASIA/HIST/ PWAD 277	 The Conflict over Israel/Palestine <sup>1</sup>	3

ASIA/JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities <sup>1</sup>	3
ASIA/JWST 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3
ASIA/JWST 357/ PWAD 362	 The Arab-Jews: Culture, Community, and Coexistence <sup>1</sup>	3
ASIA/JWST/ PWAD 235	 Israeli Cinema: Gender, Nation, and Ethnicity <sup>1,H</sup>	3
ASIA/JWST/ PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music <sup>1</sup>	3
CMPL/GSSL 270/ JWST 239/RELI 239	German Culture and the Jewish Question <sup>1</sup>	3
ENGL/JWST 289	Jewish American Literature and Culture of the 20th Century <sup>1</sup>	3
FOLK/JWST 380	 Traditions in Transition: Jewish Folklore and Ethnography	3
FOLK/JWST 481	 Jewish Belonging/s: The Material Culture of Jewish Experience <sup>1</sup>	3
HEBR/JWST 305	 Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions <sup>1</sup>	3
HEBR/JWST 306	 Advanced Composition and Conversation: Zionism and the Hebrew Language <sup>1</sup>	3
HIST/JWST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History <sup>1</sup>	3
HIST/JWST/ PWAD 262	 History of the Holocaust: The Destruction of the European Jews <sup>1</sup>	3
JWST/PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture <sup>1</sup>	3
JWST/GSSL/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe <sup>1</sup>	3
JWST/RELI 107	Introduction to Modern Judaism	3
JWST/RELI 143	Judaism in Our Time	3
JWST/RELI 224	 Modern Jewish Thought <sup>H</sup>	3
JWST/RELI 243	Introduction to American Judaism	3
JWST/RELI 343	 Religion in Modern Israel	3
JWST/RELI 444	Gender and Sexuality in Contemporary Judaism	3
JWST/SLAV 464	Imagined Jews: Jewish Themes in Polish and Russian Literature <sup>1</sup>	3
JWST/SLAV 469	Coming to America: The Slavic Immigrant Experience in Literature <sup>1</sup>	3
RELI 446	Christian-Jewish Relations throughout the Ages	3
RELI 501	 The History of the Bible in Modern Study	3
SPAN 252	Argentine Jewish Culture <sup>1</sup>	3
SPAN 253	Argentine Jewish Film <sup>1</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Courses taught outside the Department of Religious Studies.

## Special Opportunities in Religious Studies Honors in Religious Studies

Students majoring in religious studies (including double majors) with a grade point average of 3.5 or above in department courses and 3.3 grade point average overall and who will have successfully completed at least one course numbered 400 or above on a topic in religious studies that is related to the proposed thesis may choose to write an honors thesis. Candidates for graduation with honors in religious studies are to be enrolled in RELI 691H in the fall and RELI 692H in the spring semester of their senior year. RELI 691H and RELI 692H count toward the major as courses fulfilling subfield requirements. Students should submit applications for the honors program to the department's director of undergraduate studies by the end of February during their junior year. Consult the department's director of undergraduate studies for details.

### Study Abroad

Professor Jodi Magness directs archaeological excavations in Israel during the summer. Students are welcome to participate. Other courses through the Study Abroad Office can count towards the major and minor in religious studies as well.

### Undergraduate Awards and Honors

The department presents three awards at the end of each academic year: the Bernard Boyd Fellowship, the Bernard Boyd Memorial Prize, and the Halperin-Schütz Undergraduate Essay Award.

The department also inducts qualified majors into the Religious Studies National Honor Society, Theta Alpha Kappa.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 906)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 910)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 912)
- Jewish Studies Minor (p. 914)
- Religious Studies Minor (p. 916)
- Study of Christianity and Culture Minor (p. 919)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

## Contact Information

### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)  
125 Carolina Hall, CB# 3225  
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### Director for Jewish Studies

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### Chair

Barbara Ambros

### Director of Undergraduate Studies

Brandon Bayne  
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## Islamic and Middle Eastern Studies Minor

The undergraduate minor in Islamic and Middle Eastern studies (ISME) is intended to offer students access to two complementary perspectives, the transregional study of Islam and Muslim societies in interaction with surrounding cultures, and the Middle East as a complex region seen through multiple disciplinary perspectives.





## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor consists of five courses, which must be taken in at least two different departments; at least one course must be from the Department of Religious Studies, and at least one course must be at an advanced level (400 and above).

Code	Title	Hours
<b>Core Requirements</b>		
RELI 180	 Introduction to Islamic Civilization <sup>1</sup>	3
or HIST 138	History of Muslim Societies to 1500	
One of the following three courses:		3
HIST 139	 History of Muslim Societies since 1500	
HIST 276	 The Modern Middle East	
RELI 181	 Modern Muslim Societies	
Three elective courses (see course lists below)		9
<b>Additional Requirements</b>		
Three of the five courses in the minor (including the required courses listed above) must be selected from one of two subject categories—either Islamic studies or Middle Eastern studies—as indicated by the two lists of approved courses below.		
The other two courses must come from the other category.		
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> Both courses cover material from the seventh century to 1500























One language course at level 5 or higher in Arabic, Hebrew, Hindi-Urdu, Persian, or Turkish can count as a course toward the minor. Up to two



courses in Islamic and Middle East studies at Duke University may count toward the minor if approved by the director of the minor.






























The minor is housed in the Department of Religious Studies and directed by Dr. Juliane Hammer, a member of the department, who is responsible for advising all students who minor in Islamic and Middle Eastern studies (as necessary beyond general academic advising).





## Islamic Studies

Code	Title	Hours
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures	3
ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3
ASIA 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
ASIA/HIST 135	 History of the Indian Subcontinent to 1750	3
ASIA/HIST 136	History of India, Pakistan, and Bangladesh: South Asia since 1750	3
ASIA/HIST 138	History of Muslim Societies to 1500	3
ASIA/HIST 139	 History of Muslim Societies since 1500	3
ASIA/RELI 180	 Introduction to Islamic Civilization	3
ASIA/RELI 181	 Modern Muslim Societies	3
ASIA/RELI 582	 Islam and Islamic Art in South Asia	3
ASIA/RELI 584	 The Qur'an as Literature	3
GEOG 448	Transnational Geographies of Muslim Societies	3
GSSL/RELI 218	Christianity and Islam in the Middle Ages	3
PWAD/RELI 481	 Religion, Fundamentalism, and Nationalism	3
RELI 64	 First-Year Seminar: Reintroducing Islam	3
RELI 185	 Women/Gender/Islam <sup>H</sup>	3
RELI 248	 Introduction to American Islam <sup>H</sup>	3
RELI 279	 Islamic Law, Ethics, and Practice	3
RELI 289	 Muhammad and the Qur'an	3
RELI 385	 Modern Muslims and the Qur'an	3
RELI 480	 Modern Muslim Literatures	3
RELI 485	 Gender and Sexuality in Islam	3
RELI 486	 Islam and Feminism/Islamic Feminism	3
RELI 580	 African American Islam	3
RELI 581	 Sufism	3
RELI 587	 Islam and Sexual Diversity	3
SOCI 419	 Sociology of the Islamic World	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Middle Eastern Studies

Code	Title	Hours
ARAB 150	 Introduction to Arab Cultures	3
ARAB 151	 Arabic Literature through the Ages	3
ARAB 211	 Arab Comics	3
ARAB/ANTH 214	 Medicine in the Arab World	3
ARAB 350	 Women and Leadership in the Arab World	3
ARAB/ANTH 354	 Everyday Lives in the Middle East: Anthropological Perspectives	3
ARAB/ANTH 432	 Science and Society in the Middle East	3
ARAB 434	 Modern Arabic Literature in Translation	3
ARAB 453	 Film, Nation, and Identity in the Arab World	3
ASIA 73	 First-Year Seminar: Popular Culture in the Arab World	3
ASIA 126	 Introduction to Persian Literature	3
ASIA 235	 Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ASIA 431	 Persian Sufi Literature	3
ASIA 435	 The Cinemas of the Middle East and North Africa	3
ASIA/CMPL 256	 Love in Classical Persian Poetry	3
ASIA/CMPL 258	 Iranian Prison Literature	3
ASIA/CMPL 359	 Literary Diasporas of the Middle East	3
ASIA/CMPL 442	 Postcolonial Literature of the Middle East	3
ASIA/GEOG 447	Gender, Space, and Place in the Middle East	3
ASIA/HIST 276	 The Modern Middle East	3
ASIA/HIST 277	 The Conflict over Israel/Palestine	3
ASIA/HIST 536	Revolution in the Modern Middle East	3
ASIA/HIST 538	The Middle East and the West	3
ASIA/HIST/WGST 537	Women in the Middle East	3
ASIA/JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
ASIA/JWST 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3
ASIA/JWST/PWAD 462	 The Arab-Jews: Culture, Community, and Coexistence	3
ASIA/PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ASIA/RELI 583	 Religion and Culture in Iran, 1500-Present	3
ASIA/WGST 127	 Iranian Women Writers	3
ASIA/WGST 329	 Middle East Women Writers	3
ASIA/WGST 471	 Gender and Sexuality in Middle Eastern Literature	3
GEOG 59	 First-Year Seminar: Space, Identity, and Power in the Middle East	3
GERM 385	Schein/Sein: Turkish German Culture, 1964 to Today	3

HIST 63	 First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands <sup>H</sup>	3
HIST 163	 Modern Central Asia <sup>H</sup>	3
HIST 273	 Water, Conflict, and Connection in the Middle East	3
HIST 511	9/11 in World History <sup>H</sup>	3
JWST/RELI 343	 Religion in Modern Israel	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 909) for special opportunities.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 906)
- Religious Studies Major, B.A.—Jewish Studies Concentration (p. 910)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 912)
- Jewish Studies Minor (p. 914)
- Religious Studies Minor (p. 916)
- Study of Christianity and Culture Minor (p. 919)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

## Contact Information

### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)  
125 Carolina Hall, CB# 3225  
(919) 962-5666

### Director of the Minor

Juliane Hammer  
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### Chair

Barbara Ambros

### Director of Undergraduate Studies

Brandon Bayne  
bayne@unc.edu

### Student Services Manager, Registrar

Myra Quick  
quick@unc.edu

## Jewish Studies Minor

The undergraduate minor in Jewish studies is an interdisciplinary curriculum that explores the history, literature, culture, and religious life of Jews in their interaction with other peoples from ancient times

to the present. It also offers students an opportunity to become more knowledgeable about selected areas of the Jewish experience.













## Requirements

In addition to the program requirements listed below, students must:




- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor consists of five courses, which must be taken in at least two different departments.

Code	Title	Hours
<b>Core Requirements</b>		
JWST 100/ RELI 123	 Introduction to Jewish Studies (core course)	3
Four elective courses selected from the list below. Of these four courses, one must be a course numbered 400 or higher, and at least one must fulfill the world before 1750 (WB) General Education requirement.		12
AMST/JWST 486	 Shalom Y'all: The Jewish Experience in the American South	
AMST/JWST/ WGST 253	 A Social History of Jewish Women in America	
ASIA/JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	
ASIA/JWST 436	 Language, Exile, and Homeland in Zionist Thought and Practice	
ASIA/JWST/ PWAD 235	 Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	
ASIA/ JWST 357/ PWAD 362	 The Arab-Jews: Culture, Community, and Coexistence	
ASIA/JWST/ PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	
CLAR/JWST/ RELI 110	 The Archaeology of Palestine in the New Testament Period	
CLAR/JWST/ RELI 512	 Ancient Synagogues	
CMPL/ GSSL 270/ JWST 239/ RELI 239	 German Culture and the Jewish Question	
ENGL/JWST 289	 Jewish American Literature and Culture of the 20th Century	
FOLK/JWST 380	 Traditions in Transition: Jewish Folklore and Ethnography	
FOLK/JWST 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	

GSSL/JWST 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism
GSSL/JWST 225	Popular and Pious: Early Modern Jewish Literature
GSSL/JWST/ PWAD 465	Literature of Atrocity: The Gulag and the Holocaust in the Soviet Union and Eastern Europe
HEBR/JWST 305	 Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions
HEBR/JWST 306	 Advanced Composition and Conversation: Zionism and the Hebrew Language
HIST/JWST 153	 From the Bible to Broadway: Jewish History to Modern Times
HIST/JWST 308	The Renaissance and the Jews
HIST/JWST 330	Jesus and the Jews: From the Bible to the Big Screen <sup>H</sup>
HIST/JWST 485	From Fiddler on the Roof to the Holocaust: East European and Soviet Jewish History
HIST/JWST/ PWAD 262	 History of the Holocaust: The Destruction of the European Jews
JWST 697	Capstone Course: Themes and Methodologies in Jewish Studies
JWST/PLSH 412	From Communism to Capitalism: 20th- and 21st-Century Polish Literature and Culture
JWST/RELI 103	 Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>
JWST/RELI 106	 Introduction to Early Judaism
JWST/RELI 107	Introduction to Modern Judaism
JWST/RELI 143	Judaism in Our Time
JWST/RELI 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>
JWST/RELI 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible
JWST/RELI 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible
JWST/RELI 224	 Modern Jewish Thought <sup>H</sup>
JWST/RELI 243	Introduction to American Judaism
JWST/RELI 343	 Religion in Modern Israel
JWST/RELI 420	 Post-Holocaust Ethics and Theology <sup>H</sup>
JWST/ RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism
JWST/RELI 503	 Exploring the Dead Sea Scrolls <sup>H</sup>
JWST/RELI 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon

JWST/SLAV 464	Imagined Jews: Jewish Themes in Polish and Russian Literature
JWST/SLAV 469	Coming to America: The Slavic Immigrant Experience in Literature
RELI 78	 First-Year Seminar: Reading the Bible: Now and Then
RELI 108	 Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism
RELI 109	 History and Culture of Ancient Israel <sup>H</sup>
RELI 201	 Ancient Biblical Interpretation <sup>H</sup>
RELI 446	Christian-Jewish Relations throughout the Ages
RELI 501	 The History of the Bible in Modern Study
RELI 565	Medieval Jews and the Bible
RELI 566	Islamic and Jewish Legal Literature
RELI 608	The Messiah and the Apocalypse
RELI/WGST 450	 Sexuality in Jewish Tradition and History
SPAN 252	Argentine Jewish Culture
SPAN 253	Argentine Jewish Film

**Total Hours****15**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Additions to this list must be approved by the director of the Carolina Center for Jewish Studies. Only courses in modern Hebrew at the fifth-semester level or higher can count toward the minor. For students minoring in both Jewish studies and religious studies, only two courses can overlap between the two minors.

Although this minor is housed in the Department of Religious Studies, the director of Jewish studies is responsible for advising all students who minor in Jewish studies.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 906)
- Religious Studies Major, B.A.—Jewish Studies Concentration (p. 910)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 912)
- Jewish Studies Minor (p. 914)
- Religious Studies Minor (p. 916)
- Study of Christianity and Culture Minor (p. 919)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

## Contact Information

Department of Religious Studies

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Barbara Ambros

**Director of Undergraduate Studies**  
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## Religious Studies Minor

The Department of Religious Studies is dedicated to the study of religions as historical and cultural phenomena. It examines the history, texts, objects, beliefs, practices, and rituals of a variety of local and global religious traditions. Inherently interdisciplinary in its approach, religious studies explores religions in light of related fields in the humanities and social sciences such as anthropology, archaeology, classics, geography, history, philosophy, political science, and sociology.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.


For more information, please consult the degree requirements section of the catalog (p. 1241).


























Code	Title	Hours
<b>Core Requirements</b>		
Minimum requirements for the minor consist of five courses, two of which must be numbered above 400		15
<b>Additional Requirements</b>		
At least one course in two of the department's subfields (see lists below).		
<b>Total Hours</b>		<b>15</b>


Introductory and intermediate language courses (RELI 401, RELI 402, RELI 403, RELI 404, RELI 409, RELI 410) are recommended for their usefulness but do not count towards the minor in religious studies.

Courses listed more than once can be counted for only one subfield.

## Ancient Mediterranean Religions



















Code	Title	Hours
RELI 63	 First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3











RELI 65	 First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3
RELI 70	 First-Year Seminar: Jesus in Scholarship and Film	3
RELI 78	 First-Year Seminar: Reading the Bible: Now and Then	3
RELI 80	 First-Year Seminar: Religion and Writing in the Ancient World	3
RELI 104	 Introduction to the New Testament <sup>H</sup>	3
RELI 105	Religions of the Greco-Roman World	3
RELI 109	 History and Culture of Ancient Israel <sup>H</sup>	3
RELI 117	 Culture of the Ancient Near East	3
RELI 201	 Ancient Biblical Interpretation <sup>H</sup>	3
RELI 205	 Sacrifice in the Ancient World <sup>H</sup>	3
RELI 207	 Jesus in the Early Christian Gospels	3
RELI 208	 The Birth of Christianity	3
RELI 209	 Varieties of Early Christianity <sup>H</sup>	3
RELI 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
RELI 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
RELI 217	 Gnosticism <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 411	Advanced Akkadian	3
RELI 412	Ugaritic	3
RELI 413	 Biblical Coptic and Early Egyptian Monasticism	3
RELI 414	Syriac	3
RELI 504	Readings in Hebrew Bible	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
RELI 603	 The Bible and Its Translation	3
RELI 607	Problems in Early Christian Literature and History <sup>H</sup>	3
RELI 608	The Messiah and the Apocalypse	3
RELI 609	 Christianity and Greco-Roman Culture	3
RELI 610	Readings in the Apostolic Fathers	3
RELI 617	 Death and Afterlife in the Ancient World <sup>H</sup>	3
RELI/CLAR 375	Archaeology of Cult	3
RELI/CLAR/JWST 110	 The Archaeology of Palestine in the New Testament Period	3
RELI/CLAR/JWST 512	 Ancient Synagogues	3
RELI/FOLK 502	 Myths and Epics of the Ancient Near East <sup>H</sup>	3
RELI/JWST 103	 Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
RELI/JWST 106	 Introduction to Early Judaism	3

RELI/JWST 206	Prophecy and Divination in Ancient Israel and Judah <sup>H</sup>	3
RELI/JWST 503	 Exploring the Dead Sea Scrolls <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.













## Asian Religions-Islamic Studies

Code	Title	Hours
ANTH/ASIA/RELI 574	Chinese World Views	3
ARAB/ASIA/RELI 681	Readings in Islamicate Literatures	3
ASIA/COMM/RELI 386	Dance and Embodied Knowledge in the Indian Context	3
ASIA/RELI 180	 Introduction to Islamic Civilization	3
ASIA/RELI 181	 Modern Muslim Societies	3
ASIA/RELI 183	 Asian Religions	3
ASIA/RELI 280	Hindu Gods and Goddesses <sup>H</sup>	3
ASIA/RELI 284	 The Buddhist Tradition: East Asia	3
ASIA/RELI 285	 The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ASIA/RELI 382	 The Story of Rama in Indian Culture--Experiential	3
ASIA/RELI 383	 The Mahabharata: Remembered and Reimagined--Experiential	3
ASIA/RELI 384	Religion and Globalization in Southeast Asia	3
ASIA/RELI/WGST 482	Sex, Gender, and Religion in South Asia	3
ASIA/RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3
ASIA/RELI 488	 Shinto in Japanese History	3
ASIA/RELI 489	 Animals in Japanese Religion	3
ASIA/RELI 581	 Sufism	3
ASIA/RELI 582	 Islam and Islamic Art in South Asia	3
ASIA/RELI 583	 Religion and Culture in Iran, 1500-Present	3
ASIA/RELI 584	 The Qur'an as Literature	3
ASIA 300/RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA 301/RELI 286	 Premodern Japanese Religions	3
ASIA 302/RELI 287	 Modern Japanese Religions	3
ASIA 303/RELI 288	 Chinese Religions	3
HNUR/RELI 592	Religious Conflict and Literature in India	3
PWAD/RELI 481	 Religion, Fundamentalism, and Nationalism	3
RELI 64	 First-Year Seminar: Reintroducing Islam	3
RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3

RELI 165	 Mysticism <sup>H</sup>	3
RELI 184	 East Asian Religions	3
RELI 185	 Women/Gender/Islam <sup>H</sup>	3
RELI 248	 Introduction to American Islam <sup>H</sup>	3
RELI 289	 Muhammad and the Qur'an	3
RELI 381	Religions of South Asia	3
RELI 385	 Modern Muslims and the Qur'an	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 474	Buddhist Meditation, Mindfulness, and Modernity	3
RELI 480	 Modern Muslim Literatures	3
RELI 485	 Gender and Sexuality in Islam	3
RELI 524	Ethnographic Approaches to Contemporary Religion	3
RELI 580	 African American Islam	3
RELI 585	Religion and Culture of Turkey	3
RELI 586	 Women and Gender in Japanese Religions	3
RELI 590	Topics in the Study of Religion (based on topic)	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Medieval and Early Modern/Historical Studies




Code	Title	Hours
ASIA/RELI 180	 Introduction to Islamic Civilization	3
ASIA/RELI 284	 The Buddhist Tradition: East Asia	3
ASIA/RELI 488	 Shinto in Japanese History	3
ASIA/RELI 581	 Sufism	3
ASIA 301/RELI 286	 Premodern Japanese Religions	3
ASIA 303/RELI 288	 Chinese Religions	3
GSSL/RELI 218	Christianity and Islam in the Middle Ages	3
GERM/RELI 227	 Luther and the Bible	3
HIST/RELI 454	The Reformation	3
RELI 62	 First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3
RELI 77	 First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3
RELI 88	 First-Year Seminar: Religion and Society in Historical Novels	3
RELI 108	 Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3
RELI 161	 Introduction to the History of Christian Traditions <sup>H</sup>	3
RELI 162	Catholicism Today: An Introduction to the Contemporary Catholic Church	3
RELI 163	Critical Issues in Western Religious Thought	3

RELI 164	Heresy and Inquisition: Religion, Ethics, Marginalization	3	RELI 68	FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination <sup>H</sup>	3
RELI 165	Mysticism <sup>H</sup>	3	RELI 71	First-Year Seminar: Ethics and the Spirit of the New Capitalism	3
RELI 166	Ideals, Cultures, and Rituals of the University <sup>H</sup>	3	RELI 74	First-Year Seminar: Person, Time, and Religious Conduct <sup>H</sup>	3
RELI 209	Varieties of Early Christianity <sup>H</sup>	3	RELI 75	First-Year Seminar: Sacrifice and Surrender	3
RELI 266	Medieval and Renaissance Christian Cultures	3	RELI 76	First-Year Seminar: Money and Morality: Divining Value in Social Life	3
RELI 365	Studies in Christian Theologies and Theologians	3	RELI 79	First-Year Seminar: Human Animals in Religion and Ethics	3
RELI 366	Medieval Religious Texts	3	RELI 85	First-Year Seminar: Sex, Marriage, and Family in Religion	3
RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3	RELI 101	Introduction to Religious Studies	3
RELI 368	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3	RELI 102	World Religions	3
RELI 390	Topics in the Study of Religion (based on topic)	3	RELI 121	Introduction to Religion and Culture <sup>H</sup>	3
RELI 450	Sexuality in Jewish Tradition and History	3	RELI 122	Introduction to Philosophical Approaches to Religion <sup>H</sup>	3
RELI 465	Monotheistic Mysticism	3	RELI 125	Heaven and Hell	3
RELI 565	Medieval Jews and the Bible	3	RELI 127	The Claims of Science and Religion	3
RELI 566	Islamic and Jewish Legal Literature	3	RELI 134	Introduction to Religious Ethics <sup>H</sup>	3
RELI 569	Interfaith Marriages and Intimacy in World Religions	3	RELI 135	Technology, the Self, and Ethical Problems	3
RELI 586	Women and Gender in Japanese Religions	3	RELI 138	Religious Freedom	3
RELI 590	Topics in the Study of Religion (based on topic)	3	RELI 222	Modern Western Religious Thought	3
RELI 617	Death and Afterlife in the Ancient World <sup>H</sup>	3	RELI 224	Modern Jewish Thought <sup>H</sup>	3
RELI 662	Advanced Seminar in Contemporary Catholicism	3	RELI 225	Christian Cultures	3
RELI 668	Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire	3	RELI 232	Shrines and Pilgrimages	3
RELI/WGST 362	Mary in the Christian Tradition <sup>H</sup>	3	RELI 233	Religion and Violence	3
RELI/WGST 371	Women Mystics	3	RELI 235	Place, Space, and Religion	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3	RELI 236	Religious Things	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Religion and Culture



Code	Title	Hours
ANTH/FOLK/RELI 428	Religion and Anthropology <sup>H</sup>	3
ANTH/FOLK/RELI 688	Observation and Interpretation of Religious Action	3
CMPL/GSLL 270/ JWST 239/RELI 239	German Culture and the Jewish Question	3
JWST 100/ RELI 123	Introduction to Jewish Studies	3
JWST/RELI 343	Religion in Modern Israel	3
PHIL 134/ RELI 126	Reason, Faith, and God: Philosophy of Western Religion <sup>H</sup>	3
RELI 61	First-Year Seminar: Religion, Magic, and Science	3
RELI 67	First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3
RELI 322	Theories of Religion <sup>H</sup>	3
RELI 323	Social Theory and Cultural Diversity	3
RELI 325	Religion, Magic, and Science	3
RELI 338	Religion in American Law	3
RELI 352	Anthropology of Christianity	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3
RELI 421	Religion and Science	3
RELI 425	Psychology of Religion <sup>H</sup>	3
RELI 438	Religion, Nature, and Environment <sup>H</sup>	3
RELI 522	19th-Century Critiques of Religion	3
RELI 524	Ethnographic Approaches to Contemporary Religion	3
RELI 525	Seminar in Religion and Literature	3
RELI 528	Rituals and Rhetorics of Religion	3

RELI 530	 Genealogies of Religion	3
RELI 590	Topics in the Study of Religion (based on topic)	3
RELI/SOCI 429	 Religion and Society	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 424	 Gender Theory and the Study of Religion	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Religion in the Americas

Code	Title	Hours
ANTH/FOLK/RELI 342	African-American Religious Experience	3
ASIA/RELI 445	Asian Religions in America	3
JWST/RELI 107	Introduction to Modern Judaism	3
JWST/RELI 143	Judaism in Our Time	3
JWST/RELI 243	Introduction to American Judaism	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
RELI 60	 First-Year Seminar: Religion and Racism	3
RELI 66	 First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys	3
RELI 69	 First-Year Seminar: Gender and Sexuality in Contemporary Judaism	3
RELI 72	 First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
RELI 140	Religion in America <sup>H</sup>	3
RELI 141	Religion in Africa <sup>H</sup>	3
RELI 142	 Catholicism in America	3
RELI 151	 Religion in Latin America	3
RELI 235	 Place, Space, and Religion	3
RELI 240	 Religion, Literature, and the Arts in America <sup>H</sup>	3
RELI 241	Messianic Movements in American History	3
RELI 242	 New Religious Movements in America	3
RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3
RELI 246	 Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3
RELI 248	 Introduction to American Islam <sup>H</sup>	3
RELI 332	 The Protestant Tradition <sup>H</sup>	3
RELI 338	 Religion in American Law	3
RELI 340	Liberal Tradition in American Religion	3
RELI 345	 Black Atlantic Religions <sup>H</sup>	3
RELI 390	Topics in the Study of Religion (based on topic)	3
RELI 423	Ethnicity, Race, and Religion in America	3
RELI 441	 Religion in Early America <sup>H</sup>	3
RELI 442	History of Religion in America since 1865	3
RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
RELI 446	Christian-Jewish Relations throughout the Ages	3

RELI 448	 Native and Christian: Indigenous Engagements with Christianity	3
RELI 501	 The History of the Bible in Modern Study	3
RELI 540	Mormonism and the American Experience	3
RELI 541	 Evangelicalism from a Global Perspective <sup>H</sup>	3
RELI 542	Religion and the Counterculture <sup>H</sup>	3
RELI 580	 African American Islam	3
RELI 590	Topics in the Study of Religion (based on topic)	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 909) for special opportunities.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 906)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 910)

### Minors

- Islamic and Middle Eastern Studies Minor (p. 912)
- Jewish Studies Minor (p. 914)
- Religious Studies Minor (p. 916)
- Study of Christianity and Culture Minor (p. 919)

### Graduate Programs

- M.A. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)
- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

## Contact Information

### Department of Religious Studies

Visit Program Website (<http://religion.unc.edu>)  
125 Carolina Hall, CB# 3225  
(919) 962-5666

### Chair

Barbara Ambros

### Director of Undergraduate Studies

Brandon Bayne  
bayne@unc.edu

### Student Services Manager, Registrar

Myra Quick  
quick@unc.edu

## Study of Christianity and Culture Minor

The undergraduate minor in the study of Christianity and culture is an interdisciplinary curriculum in the humanities, arts, and social sciences






that aims to refine students' understanding of the cultural, social, and political influence of Christianity.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Requirements</b>		
The minor requires the completion of five courses, including at least one course from each of the following categories.		
Core course:		3-9
RELI 161	 Introduction to the History of Christian Traditions <sup>H</sup>	
RELI 167	 Global Christianity	
RELI 209	 Varieties of Early Christianity <sup>H</sup>	
RELI 225	Christian Cultures	
RELI 266	 Medieval and Renaissance Christian Cultures	
RELI 332	 The Protestant Tradition <sup>H</sup>	
Ancient, medieval, or early modern Christianity (see list below)		3-9
Christianity in the modern world (see list below)		3-9
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Courses must be taken from at least two different departments, and at least one must be numbered 200 or above.






















Students may also petition the Minor Faculty Advisory Committee for permission to count toward their minor requirements other potentially appropriate UNC–Chapel Hill courses, independent study courses, transfer courses, or study abroad courses.

Students also are encouraged to take language courses that relate to the minor in the study of Christianity and culture — such as Latin, Greek, or Hebrew — but language courses do not fulfill minor course requirements.

Although this minor is housed in the Department of Religious Studies, the director of Christianity and culture is responsible for advising all students who minor in the study of Christianity and culture.

### Ancient, Medieval, or Early Modern Christianity

Code	Title	Hours
ARTH 264	Medieval Art in Western Europe	3
ARTH 290	Special Topics in Art History	3
ARTH 362	Early Christian Art and Modern Responses	3
ARTH 365	Late Medieval Art	3
CLAR 246	History of Early Christian and Byzantine Art	3

CLAR/JWST/RELI 110	 The Archaeology of Palestine in the New Testament Period	3
CLAS 259	Pagans and Christians in the Age of Constantine	3
ENGL 223	 Chaucer <sup>H</sup>	3
ENGL 224	 Survey of Medieval English Literature, excluding Chaucer <sup>H</sup>	3
ENGL 227	 Literature of the Earlier Renaissance <sup>H</sup>	3
ENGL 228	Literature of the Later Renaissance <sup>H</sup>	3
GSL/RELI 218	Christianity and Islam in the Middle Ages	3
HIST 106	 Ancient History	3
HIST 107	 Medieval History	3
HIST 177H	Honors Seminar in Early European History	3
HIST 428	The Later Roman Empire, 193 CE-378 CE	3
HIST 431	The Medieval Church	3
HIST 452	The Renaissance: Italy, Birthplace of the Renaissance, 1300-1550	3
HIST/RELI 454	The Reformation	3
ITAL 357	Dante, Petrarch, and Boccaccio in English	3
PHIL 215	Medieval Philosophy	3
RELI 62	 First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3
RELI 70	 First-Year Seminar: Jesus in Scholarship and Film	3
RELI 104	 Introduction to the New Testament <sup>H</sup>	3
RELI 114	 Early Christian Worship, Ritual, and Bodies	3
RELI 163	Critical Issues in Western Religious Thought	3
RELI 164	 Heresy and Inquisition: Religion, Ethics, Marginalization	3
RELI 201	 Ancient Biblical Interpretation <sup>H</sup>	3
RELI 207	 Jesus in the Early Christian Gospels	3
RELI 208	 The Birth of Christianity	3
RELI 209	 Varieties of Early Christianity <sup>H</sup>	3
RELI 217	 Gnosticism <sup>H</sup>	3
RELI 218	Christianity and Islam in the Middle Ages	3
RELI 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI 266	 Medieval and Renaissance Christian Cultures	3
RELI 314	 Memory and the Historical Jesus <sup>H</sup>	3
RELI 315	Religious Frauds: Lies, Forgeries, and Fake News <sup>H</sup>	3
RELI 366	Medieval Religious Texts	3
RELI 367	The Art of Devotion in Medieval and Early Modern Europe	3
RELI 371	Women Mystics	3
RELI 413	 Biblical Coptic and Early Egyptian Monasticism	3
RELI 454	The Reformation	3
RELI 515	 Cultural Histories of the New Testament	3
RELI 603	 The Bible and Its Translation	3
RELI 607	Problems in Early Christian Literature and History <sup>H</sup>	3



RELI 608	The Messiah and the Apocalypse	3
RELI 609	 Christianity and Greco-Roman Culture	3
RELI 610	Readings in the Apostolic Fathers	3
RELI 614	 The Cult of Saints: Narratives, Materialities, Practices	3
RELI 668	Religion and the Spanish Inquisition: Abrahamic Traditions, Indigenous Religions, and Empire	3
RELI/GERM 227	 Luther and the Bible	3
RELI/WGST 362	 Mary in the Christian Tradition <sup>H</sup>	3
RELI 368/ WGST 370	 Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Christianity in the Modern World

Code	Title	Hours
AAAD 159	The History of the Black Church and Social Change	3
AAAD 210	African Belief Systems: Religion and Philosophy in Sub-Saharan Africa	3
AAAD 286	 The African Diaspora in the Colonial Americas, 1450-1800	3
ANTH/FOLK/RELI 342	African-American Religious Experience	3
ARTH 352	Religious Architecture and Visual Culture in Latin America	3
PHIL 134/ RELI 126	 Reason, Faith, and God: Philosophy of Western Religion <sup>H</sup>	3
RELI 72	 First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
RELI 125	 Heaven and Hell	3
RELI 138	 Religious Freedom	3
RELI 140	 Religion in America <sup>H</sup>	3
RELI 141	 African American Religions <sup>H</sup>	3
RELI 142	 Catholicism in America	3
RELI 151	 Religion in Latin America	3
RELI 161	 Introduction to the History of Christian Traditions <sup>H</sup>	3
RELI 162	Catholicism Today: An Introduction to the Contemporary Catholic Church	3
RELI 215	 Eastern Christian Cultures: Middle East, Asia, Africa, and Eastern Europe	3
RELI 225	Christian Cultures	3
RELI 236	 Religious Things	3
RELI 241	Messianic Movements in American History	3
RELI 242	 New Religious Movements in America	3
RELI 245	Latina/o Religions in the United States-Mexico Borderlands <sup>H</sup>	3

RELI 332	 The Protestant Tradition <sup>H</sup>	3
RELI 338	 Religion in American Law	3
RELI 340	Liberal Tradition in American Religion	3
RELI 352	 Anthropology of Christianity	3
RELI 365	 Studies in Christian Theologies and Theologians	3
RELI 421	 Religion and Science	3
RELI 424	 Gender Theory and the Study of Religion	3
RELI 441	 Religion in Early America <sup>H</sup>	3
RELI 443	Evangelicalism in Contemporary America <sup>H</sup>	3
RELI 446	Christian-Jewish Relations throughout the Ages	3
RELI 448	 Native and Christian: Indigenous Engagements with Christianity	3
RELI 540	Mormonism and the American Experience	3
RELI 541	 Evangelicalism from a Global Perspective <sup>H</sup>	3
RELI 542	Religion and the Counterculture <sup>H</sup>	3
RELI 662	Advanced Seminar in Contemporary Catholicism	3
RELI/SOCI 429	 Religion and Society	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 371	Women Mystics	3
SOCI 290	Special Topics in Sociology <sup>1</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> With permission, based on topic.

See the program page here (p. 909) for special opportunities.

## Department Programs

### Majors

- Religious Studies Major, B.A. (p. 906)
- Religious Studies Major, B.A. – Jewish Studies Concentration (p. 910)

### Minors

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### Graduate Programs

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- Ph.D. in Religious Studies (<http://catalog.unc.edu/graduate/schools-departments/religious-studies/>)

## Contact Information

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## Department of Romance Studies

### Introduction

The Department of Romance Studies is a diverse, multicultural, and plurilingual academic unit that engages in interdisciplinary research and instruction in French, Italian, Portuguese, Spanish, as well as Indigenous and other languages of Europe and the Americas such as Romanian, Catalan, Basque, Galician, Yucatec Maya, and Guaraní. The principal aims of the department are to preserve, increase, and transmit knowledge and understanding of the Romance languages, literatures, and cultures within the global and regional contexts in which they have developed.

Our course offerings present a diversity of approaches — historical, literary, linguistic, sociopolitical, cultural, and theoretical — to the study of literary and nonliterary works and of the cultures of places where Romance languages are spoken. Students acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, linguistics, theory, and history across the curriculum. Through coursework that emphasizes rhetoric, language analysis, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading.

### Advising

The Department of Romance Studies offers a major with five concentrations and six minors. All students can find their primary academic advisor in Dey Hall. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. Each of the department's language advisors will meet with current and prospective majors by appointment. Departmental academic advising is particularly important for those majors who are considering going on to graduate school. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<http://romancestudies.unc.edu>).

### Graduate School and Career Opportunities

A major or minor in Romance studies provides excellent preparation for a variety of careers. Recent graduates have gone on to work in international business, law, publishing, education, journalism, and public policy, among other fields. A bachelor of arts in Romance studies qualifies graduates for employment in private-sector firms, foundations, educational institutions, and government agencies. A second major or minor in Romance studies

can be an asset for students seeking careers in any field requiring foreign language proficiency and intercultural communication skills, including the health professions and the sciences. The department offers several courses dedicated to the practical application of Romance languages for specific careers (business, law, health professions, translation) alongside courses that contribute to a well-rounded liberal arts education.

Romance studies majors often pursue post-graduate education. M.A. and Ph.D. programs in Romance studies are oriented towards literary, linguistic, and cultural studies, and the undergraduate student should prepare accordingly. Useful allied disciplines are English, comparative literature, history, classics, philosophy, linguistics, and art history. Faculty members can advise students on choices of graduate schools.

### Majors

- Romance Languages Major, B.A.—French and Francophone Studies (p. 951)
- Romance Languages Major, B.A.—Italian (p. 956)
- Romance Languages Major, B.A.—Portuguese (p. 959)
- Romance Languages Major, B.A.—Hispanic Studies (p. 962)
- Romance Languages Major, B.A.—Hispanic Linguistics (p. 966)

### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)
- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Professors

Lucia Binotti, Bruno Estigarribia, Oswaldo Estrada, Juan Carlos González-Espitia, Serenella Iovino, Hassan Melehy, Rosa Perelmuter, Ellen Welch.

## Associate Professors

Irene Gómez-Castellano, Carmen Hsu, Alicia Rivero, Jessica Tanner.

## Assistant Professors

Adam Cohn, Maggie Fritz-Morkin, Lamar Graham, Sean Matharoo, Erika Serrato.

## Teaching Professors

Amy Chambless, Hélène M. de Fays, Dorothea Heitsch, Hosun Kim, Malgorzata Lee, Josefa Lindquist, Valérie Pruvost, Martha Ruiz-García, Richard Vernon.

## Teaching Associate Professors

Michael Brown, Elizabeth Bruno, Cristina Carrasco, Laura Demsey, Michelle Gravatt, Pedro Huesa, Heather Knorr, Anastacia Kohl, Abel Muñoz-Hermoso, Martín Sueldo.

## Teaching Assistant Professors

Grace Aaron, Martha Alexander, Lorna Avilés, S. Paola Cadena-Pardo, Chole Hill, Kyung Huer, Sharrah Lane, Beatriz Lomas-Lozano, Pedro Lopes de Almeida, Victoria Martin, Paulo Rodrigues Ferreira, Cecile Paule Ruel, Alicia Shade, Kristine Taylor, Elizabeth Tolman, Nilzimar Vieira.

## Professors Emeriti

Robert Anderson, Martine Antle, Cesáreo Bandera, Dino Cervigni, Angel L. Cilveti, Glynis Cowell, Frank A. Domínguez, Dominique D. Fisher, Larry D. King, Yves de la Quérière, I.R. Stirling Haig, Antonio Illiano, Hannelore Jaraus, Larry King, Federico Luisetti, Julia Mack, William C. Maisch, Catherine A. Maley, James S. Noblitt, José Manuel Polo de Bernabé, Ennio Rao, Monica P. Rector, Maria A. Salgado, Carol L. Sherman.

## Courses


### FREN–French

#### Undergraduate-level Courses

 **FREN 65. First-Year Seminar: La mode: Fashion in French Culture. 3 Credits.**

This seminar investigates what fashion has meant to French-speaking writers, artists, and philosophers through the centuries. We will explore key episodes in the history of French fashion and discover how French thinkers have interpreted the allure and significance of fashion from multiple perspectives. Taught in English; no knowledge of French required. First Year Seminar.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.  
**Grading Status:** Letter grade.

 **FREN 80. First-Year Seminar: Déjà vu. Medicine and Narration across Time and Space. 3 Credits.**

This seminar explores how French-speaking writers and artists have engaged with medical culture. Hallucinations, depression, hysteria, paranoia, anxiety, neurosis, body dysmorphic disorder, obsession, and pain are some symptoms that will be reflected in the narratives of this course. We will study a group of writers and artists across time and space who explore, adapt, and converse with contemporaneous medical learning in their creative works. Taught in English; no knowledge of French required. First Year Seminar.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST, RESEARCH.  
**Grading Status:** Letter grade.

**FREN 101. Elementary French I. 3 Credits.**

Introduces the essential elements of French structure and vocabulary and aspects of French and francophone culture. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both FREN 101 and FREN 111.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.  
**Grading Status:** Letter grade.  
**Global Language:** Level 1.

**FREN 102. Elementary French II. 3 Credits.**

Continues the study of essential elements of French structure, vocabulary, and aspects of French and francophone culture. Aural comprehension, speaking, reading, and writing. Students may not receive credit for more than one of the following: FREN 102, 105 or 401.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.  
**Requisites:** Prerequisite, FREN 101.  
**Grading Status:** Letter grade.  
**Global Language:** Level 2.

**FREN 105. French for High Beginners. 4 Credits.**

Accelerated course that covers FREN 101 and 102 for students with previous study of French. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both FREN 105 and FREN 102 or 401.


#### Rules & Requirements

**Making Connections Gen Ed:** FL.  
**Grading Status:** Letter grade.  
**Global Language:** Level 2.

 **FREN 150. Globalization and the French-Speaking World. 3 Credits.**

Gives students the opportunity to better understand the different facets of French-speaking regions across the modern world (including Africa, the West Indies, and North America) by looking at their geography, their historical and political development, varied cultural aspects, and their links with the United States. In English.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES, RESEARCH.  
**Making Connections Gen Ed:** SS, GL.  
**Grading Status:** Letter grade.

 **FREN 186. Food for Thought: Cultures of Cuisine in Modern France. 3 Credits.**

Exploration of French food culture in film, literature, and historical texts, examining gastronomy in relation to national and individual identity, immigration, cultural specificity, tradition and innovation, markets, sociability, and excess and lack. In English. Formerly offered as FREN 286.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH.  
**Making Connections Gen Ed:** LA, NA.  
**Grading Status:** Letter grade.

 **FREN 203. Intermediate French I. 3 Credits.**

Develops language skills for communication. Review of elementary French with increasing emphasis on reading and writing in the context of contemporary French and francophone culture. Students may not receive credit for both FREN 203 and 402. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLOBL-LANG.  
**Making Connections Gen Ed:** FL.  
**Requisites:** Prerequisite, FREN 102, 105, or 401.  
**Grading Status:** Letter grade.  
**Global Language:** Level 3.

**FREN 204. Intermediate French II in Context. 3 Credits.**

Continued development of language skills for communication through reading and discussion of texts and authentic materials. Emphasis on accurate grammar in written and oral expression. Students may not receive credit for both FREN 204 and 402. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, FREN 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**FREN 255. Conversation I. 3 Credits.**

Introductory conversation for building oral proficiency while increasing awareness of French culture. Emphasis on vocabulary and grammatical accuracy; writing activities support speaking. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, FREN 204 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**FREN 260. Literature and the French-Speaking World. 3 Credits.**

Skills for literary studies through poetry, theater, and prose from the Renaissance to the present. Lectures, discussions, and written assignments. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, FREN 204 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**FREN 262. Cultural and Linguistic Diversity in the French-Speaking World. 3 Credits.**

French is evolving, changing, and becoming a multifaceted language, adapting to modernity and cultural realities. This course focuses on today's French across the French-speaking world and explores the diversity of relationships that French-speakers have with this shared heritage. Previously offered as FREN 250.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, FREN 204 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**FREN 280. French "Discoveries" of the Americas in Translation. 3 Credits.**

Exploration of cultural relations between France and the Americas from early modern colonial encounters to 21st-century perspectives on diversity and multiculturalism.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**FREN 285. Sex, Philosophy, and Politics: Revolutionary Literature in Translation. 3 Credits.**

Exploration of questions related to sex and gender during the French Revolution and their reflection in literature, philosophy, and art. In English.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**FREN 288. Francophone Caribbean Literature in Translation. 3 Credits.**

This course examines the literary, social, and political issues brought to the fore in 20th and 21st century Francophone Caribbean literature (e.g. Haiti, Guadeloupe, and Martinique) with a particular emphasis on language, identity, race, and gender.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**FREN 296. Course Correspondent Project in French. 1 Credits.**

Learning contract required. Students participating in UNC-led study abroad programs develop activities to supplement instruction in on-campus courses. Supervised by the on-campus instructor, students file reports on the sites, language, and culture of the country in which they are studying. Pass/Fail only. Permission of the instructor and the instructor's department.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**FREN 300. French Composition and Grammar Review. 3 Credits.**

Recommended preparation, FREN 255, 260, or 262. Intensive grammar review and composition to improve accuracy and develop writing skills, using process and task-oriented approaches.

**Rules & Requirements**

**Requisites:** Prerequisite, FREN 204 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**FREN 305. Healthcare in France and the Francophone World. 3 Credits.**

This course examines the evolution of the French healthcare system from its creation to today and the depiction of illnesses as well as healthcare workers in contemporary culture. Current issues related to health, illnesses, and healthcare in France and the Francophone World will be discussed.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 255, 260 or 262; corequisite FREN 300.

**Grading Status:** Letter grade.

**FREN 308. LAC Recitation. 1 Credits.**

A recitation section or stand-alone course for selected courses that promote the use of foreign language proficiency across the curriculum (LAC). May not count toward the major or minor in French. Co-registration required unless a stand-alone LAC course, contact instructor or view Notes to determine.

**Rules & Requirements**

**Requisites:** Prerequisite, FREN 204; Permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

**FREN 310. Conversation and Composition II. 3 Credits.**

Intermediate conversation to expand speaking skills through vocabulary building, discussion of selected texts, and activities that produce conversation. Ongoing development of writing skills.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-GLOBAL.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, FREN 255, 260, or 262; pre- or corequisite, FREN 300.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**FREN 311. Communication Skills for Cultural Immersion. 3 Credits.**

Students will expand their active vocabulary, refine their mastery of grammar and hone communication skills to facilitate their cultural immersion during study abroad in Montpellier. Topics of current interest will allow students to explore French and regional culture while perfecting their written and oral expression and comprehension. Open only to students in France.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** COMMBEYOND.

**Requisites:** Prerequisite, FREN 300.

**Grading Status:** Letter grade.

**Global Language:** Level 5 & 6 combined.

**FREN 312. French University Methodology through Literature. 3 Credits.**

Open only to students in Montpellier, France. Introduction to French literature through the study of a selection of representative texts. Prepares students for the academics required at a French university. Students will also gain knowledge and experience of the intellectual culture and educational organization of France.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, FREN 300.

**Grading Status:** Letter grade.

**FREN 315. Imposteur!: Faking and False Identities in French and Francophone Drama and Film. 3 Credits.**

Examines how French-language plays and films explore questions of identity through stories of imposture, disguise, cross-dressing, and mistaken identity. Authors studied include Molière, Marivaux, De la Chenelière, and others.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP, NA.

**Requisites:** Prerequisite, FREN 255, 260, or 262; Pre- or corequisite, FREN 300; permission of the instructor for students lacking the requisites.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**FREN 320. Business French. 3 Credits.**

Practice of vocabulary and discourse strategies pertinent to business-related activity in French. Readings and discussions emphasize cultural awareness for interaction in cross-cultural settings.

**Rules & Requirements**

**Requisites:** Prerequisite, FREN 255, 260 or 262; pre- or corequisite, FREN 300; permission of the instructor for students lacking the requisites.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**FREN 325. Crime and Literature in French and Francophone Contexts. 3 Credits.**

This course explores the depiction of crime in literature: from medieval tricksters and classical tyrants to romantic crimes of passion; from the destruction of social and ethical codes to the global victims of (civil) war.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 326. Cultures of Resistance in the French-Speaking World. 3 Credits.**

Exploration of cultures, arts, theories, politics, and histories of resistance in France and the French-speaking world from 1789 to the present.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 330. Approaches to French and Francophone Studies. 3 Credits.**

Focuses on important aspects of the culture, society, history, geography, politics, art, and literature of France and its regions as well as the French-speaking world.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 350. Current Societal Issues: France and Beyond. 3 Credits.**

Oral communication and composition on contemporary topics in French and francophone cultures. Study of cultural texts, articles from the French press, and video documents.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING, COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**FREN 353. Francophone Drama and Multimedia Productions. 3 Credits.**

French-language theater. Specific topics to be announced in advance by the instructor. Previously offered as FREN 380.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300, and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 354. Francophone Poetry and Slam. 3 Credits.**

Specific topics to be announced in advance by the instructor. Previously offered as FREN 381.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300, and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 355. Visual Francophone Studies. 3 Credits.**

Specific selections announced in advance by the instructor. Previously offered as FREN 382.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300, or one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 356. Littérature et philosophie. 3 Credits.**

What is the philosophical novel? Fiction written by a philosopher? A philosophical book in disguise? A fun story that explores serious ideas? From eighteenth-century radical philosophy, the great social changes of the nineteenth century, to the existentialist and feminist literature of the twentieth century, we will read texts by Denis Diderot, Madame de Staël, Jean-Paul Sartre, and others.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Requisites:** Prerequisite, FREN 255, 260, or 262; Pre- or corequisite, FREN 300; permission of the instructor for students lacking the requisites.

**Grading Status:** Letter grade.

**FREN 365. Introduction to Translation. 3 Credits.**

Theory and practice of translation through a dual approach of conceptual readings and classroom discussion and workshops in interdisciplinary fields. Emphasizes cultural role of the translator as mediator.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 370. French and Francophone Studies to 1789. 3 Credits.**

An overview of literatures, cultures, and histories of the French-speaking world from Antiquity to 1789.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 372. French and Francophone Studies since 1789. 3 Credits.**

An overview of literatures, cultures, and histories of the French-speaking world since 1789.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 375. Francophone Literature and Film. 3 Credits.**

Readings in francophone literatures from literary and cultural perspectives. Areas of study may vary (African, Canadian, European, etc.).

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 376. Identity and Nationhood in Québécois Literature. 3 Credits.**

The evolution of identity and nationhood in Québécois literature from the 1960s to the present. Includes the study of francophone literature of immigration in Québec.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 377. The Evolution of Frenchness since WWII. 3 Credits.**

How wars, women's movements, immigration, and globalization have influenced the notion of Frenchness.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 378. French and European Transmigrations: Global Contexts. 3 Credits.**

Interdisciplinary studies of France's role in the construction of European identity.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, NA.

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 379. Special Topics in French and Francophone Studies. 3 Credits.**

Possible topics include cinema, transnational francophone literatures, gender studies. In English.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 383. Franco-Asian Encounters. 3 Credits.**

Examines the cultural encounters between France and Vietnam and China, the socio-historical context of French colonialism in Vietnam, and the literary and cultural production to which it gave rise.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

**FREN 386. French New Wave Cinema. 3 Credits.**


Films of the major directors of the French New Wave of the 1950s through the 1970s, including Jean-Luc Godard, François Truffaut, and Eric Rohmer. Examination of earlier films informing these directors. The impact of the New Wave on global cinema. In English. Recommended preparation: FREN 260 or CMPL 143 or the equivalent.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 387.

** FREN 387. Paris/Versailles: The Court and the City in the 17th Century. 3 Credits.**

During Louis XIV's reign, the French monarchy reinforced its majesty through the power of art. Magnificent buildings, stunning spectacles, and laudatory literature enhanced the reputation of the king. At the same time, art and literature served as tools of resistance, as writers and artists produced overt critiques or subtle satires of the regime. We will study Louis XIV's France as a case study to understand the ambivalent social and political force of art.

**Rules & Requirements**

** IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**FREN 388. History of French Cinema I: 1895-1950. 3 Credits.**

Study of French cinema from 1895 through 1950, including early French film, silent cinema, surrealism, poetic realism, and postwar cinema. Concepts and vocabulary for film criticism. Conducted in English. Recommended preparation: FREN 260 or CMPL 143 or the equivalent.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 388.

**FREN 389. History of French Cinema II: 1950 to the Present. 3 Credits.**

Study of French cinema from 1950 to the present, including postwar cinema, the New Wave, and the French film industry in the age of globalization. Concepts and vocabulary for film criticism. Conducted in English. Recommended preparation: FREN 260 or CMPL 143 or the equivalent.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 389.

**FREN 390. Special Topics in French and Francophone Studies. 3 Credits.**

Examines selected topics in French and francophone studies. Content varies by semester and instructor.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 395. Research for Advanced French Students. 1-3 Credits.**

Research project on topic agreed upon by the student and faculty member. Includes bibliographic work and research approaches.

**Rules & Requirements**

**Requisites:** Prerequisite, FREN 300 and one of the following: FREN 255, 260, or 262.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****FREN 401. Beginning Accelerated French. 3 Credits.**

Covers levels one and two of the basic language sequence in one semester. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Intensive approach to developing all skills but with an emphasis on speaking. Students may not receive credit for both FREN 401 and any of the following: FREN 101, 102, 105.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1 & 2 combined.

** FREN 402. Intermediate Accelerated French. 3 Credits.**

A continuation of FREN 401. Covers levels three and four in one semester. Develops all skills, with increasing emphasis on reading, writing, and cultural analysis. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Prepares students for advanced courses. Students may not receive credit for both FREN 402 and any of the following: FREN 203 and 204.

**Rules & Requirements**

** IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 3 & 4 combined.

**FREN 403. Advanced Composition. 3 Credits.**

Review of advanced grammar. Exercises in translation from English into French of literary and critical materials. Free composition and training in the use of stylistic devices.

**Rules & Requirements**

**Requisites:** Prerequisite, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 421. Old French. 3 Credits.**

An introductory course designed to enable students to read medieval texts with rapidity and accuracy. Phonology, morphology, semantics, and syntax. In English.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **FREN 436. Currents in Caribbean Literature. 3 Credits.**

Scrutinizes the political, philosophical, aesthetic, and literary movements produced in and about the Francophone Caribbean (Haiti, Guadeloupe, Martinique) and its signature texts.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Requisites:** Prerequisites, FREN 300, and FREN 255, or 260, or 262.

**Grading Status:** Letter grade.

**FREN 437. Literary and Cultural Theory in France. 3 Credits.**

A study of structuralist and poststructuralist methods in poetics, semiotics, psychoanalysis, sociology, and philosophy.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 452. Muslim Women in France and the United States. 3 Credits.**

This class will follow Muslim women's experiences and changing roles in France and the United States from the 1970s through today.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**FREN 489. 19th-Century Literature and Culture. 3 Credits.**

Intensive study of a single major author of the romantic or postromantic period. The subject changes from year to year among writers in the different literary genres.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Grading Status:** Letter grade.

**FREN 490. Special Topics in French and Francophone Studies. 3 Credits.**

Examines selected topics in French and francophone studies. Content varies by semester and instructor.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one of the following: FREN 255, 260, or 262.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 500. Research Methods in French and European Studies. 3 Credits.**

Provides training in research methodology either for a B.A. honors or M.A. thesis topic related to contemporary European studies. Students will learn to conceptualize an original research project and to identify and assess the current intellectual debates in their chosen areas of research.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**FREN 501. French for the Health Professions. 3 Credits.**

Aimed at health care professionals in a variety of fields, this class is designed to help them practice, consolidate, and improve their language skills, while encouraging students to develop a fuller understanding of health care systems in French-speaking regions of the world and to compare conditions with those in the United States. This course does not fulfill the FL requirement and does not count for the French major. Previously offered as FREN 405.

**Rules & Requirements**

**Grading Status:** Letter grade.

**FREN 504. Cultural Wars: French/United States Perspectives. 3 Credits.**

This course examines the limits of universalism in today's "multicultural" France and how the European Union affects French universalism and French resistance to identity politics.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 505. African Francophone Cinema. 3 Credits.**

Study of the production of films from francophone sub-Saharan and North African communities.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.



**FREN 513. 20th- and 21st-Century French Literature and Culture. 3 Credits.**

Studies of a single author, a literary movement, or an aesthetic movement from the avant-garde to postmodernism.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 515. Social Networks: Technology and Community in Modern France. 3 Credits.**

Exploration of the interaction between technology and sociability in 19th-through 21st-century French literature, with an emphasis on questions of modernization, industrialization, colonization, globalization, subjectivity, and ethics.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, NA.

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**FREN 522. French Middle Ages. 3 Credits.**

Readings in a variety of medieval texts in light of contemporary literary theory.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 530. Postmodernisms. 3 Credits.**

Theory, literary texts, films, and cultural phenomena associated with postmodernism and the interaction of art, philosophy, film, literature, and popular culture.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 554. Writing the Mediterranean. 3 Credits.**

Explores early modern literary representations of the Mediterranean as a space of cross-cultural encounter, exchange, rivalry, and negotiation.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**FREN 555. Crossing Gazes: Multidirectional and Conflicting Memories of Algeria. 3 Credits.**

Focus on contemporary fictions and films, and the writing of history from both the French (French-Algerian or "Pieds noirs," French draftees) and the Algerian sides.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 561. French Renaissance Literature and Culture. 3 Credits.**

Recommended preparation, FREN 370. Interdisciplinary seminar on a cultural topic or a theme through readings in literary and nonliterary texts.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 562. Poetry of the French Renaissance. 3 Credits.**

Recommended preparation, FREN 370. Major currents in French Renaissance poetry: the Rhétoriqueurs, the break with the Middle Ages, Italian influences, the formation of the French Renaissance sonnet, poetry and gender, poetry and politics, the Pléiade. Clément Marot, Maurice Scève, Louise Labé, Olivier de Magny, Pierre de Ronsard, Joachim Du Bellay.

**Rules & Requirements**

**Grading Status:** Letter grade.

**FREN 563. Studies in the Anglo-French Renaissance. 3 Credits.**

Recommended preparation, FREN 370 (for students taking the course for French credit), or one course from ENGL 225 to ENGL 229, or one course from CMPL 120 to CMPL 124. Study of French-English literary relations in the Renaissance, focusing on literary adaptation and appropriation, poetics, political writing, and related areas. Conducted in English; students may do written work in French for major or minor credit.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** CMPL 563.

**FREN 564. History of the French Language. 3 Credits.**

The phonology, morphology, and syntax of French are traced from the Latin foundation to the present. Lectures, readings, discussions, and textual analysis. In English.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300, and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** LING 564.

**FREN 565. French Phonetics and Phonology. 3 Credits.**

Study of the sound system and prosody features of standard French, emphasizing practical application in a variety of oral activities. Requires learning linguistic terminology and the phonetic alphabet. In English.

**Rules & Requirements**

**Requisites:** Prerequisite, FREN 255, 260, or 262; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** LING 565.

**FREN 566. Structure of Modern French. 3 Credits.**

Introduction to phonology, morphology, and syntax of modern standard French. Application of modern linguistic theory to the teaching of French. In English.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300, and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**Same as:** LING 566.

**FREN 575. 20th- and 21st-Century Francophone Literature and the Visual Arts. 3 Credits.**

Evolution of francophone literature from a literary and cultural perspective (Maghreb, Africa, Caribbean Islands, and Canada).

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 576. Francophone Cultural Studies. 3 Credits.**

An examination of national and transnational identity within European culture and recent economic and ethnologic changes in Western Europe and France.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 583. 18th-Century French Literature and Culture. 3 Credits.**

Intensive study of a major 18th-century writer.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the requisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 585. Libertinism and Sexuality. 3 Credits.**

In-depth study of the genealogy of the concept of libertinage as a philosophical discourse and aesthetic manifestation.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the requisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 586. Studies in French Cinema. 3 Credits.**

Recommended preparation for French majors and minors, FREN 300 and one of FREN 255, 260, or 262; for all other students, CMPL 143. Themes, periods, and movements in the history of French cinema. The course may cover early cinema, silent film, poetic realism of the 1930s, postwar cinema, the French New Wave, or late twentieth- and early twenty-first century cinema. Taught in English or French. See department announcements for current topic and language of instruction.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**FREN 590. Special Topics in French and Francophone Studies. 3 Credits.**

Examines selected topics in French and francophone studies. Content varies by semester and instructor.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the requisites.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 601. French for Reading. 3 Credits.**

French language for reading. For students with no background in French or those needing a review of grammatical structures and vocabulary in preparation for the reading knowledge exam for graduate degrees (FLPA).

**Rules & Requirements**

**Grading Status:** Letter grade.

**FREN 611. Contemporary Novelists from the French-Speaking World. 3 Credits.**

Evolution of the novel of French expression from the 20th to the 21st century.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the requisites.

**Grading Status:** Letter grade.

**FREN 617. Framing Identities: Franco-Arab Transvisual Transcultural Contexts. 3 Credits.**

This course focuses on the representation of identities in Franco-Arab contexts and in various artistic productions (fiction, photography, paintings, comics, films, etc.), with a special focus on Algeria, Tunisia, France, Lebanon, and Québec.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, GL.

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**FREN 670. 17th-Century French Literature and Culture. 3 Credits.**

In-depth study of a particular aspect of 17th-century literature and culture. Possible topics are the court and its elsewhere, Frenchness and foreignness in the 17th century, theater and theatricality, enchantment and disenchantment.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 675. Literature and Enlightenment, 17th - 18th Centuries. 3 Credits.**

This seminar examines 17th- and 18th-century French literature in relation to the intellectual, social, and political movements of the Enlightenment. See department announcements for current topic and reading list.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**FREN 687. Diaspora and Transculturalism in Québécois Literature. 3 Credits.**

Evolution of identity and nationhood in Québécois literature from the 1960s to the present, including the study of the literature of immigration (diasporic or littérature migrante).

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300 and one additional course above FREN 330; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**FREN 690. Special Topics in French and Francophone Studies. 3 Credits.**

Examines selected topics in French and francophone studies. Content varies by semester and instructor.

**Rules & Requirements**

**Requisites:** Prerequisites, FREN 300, and 370 or 372.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **FREN 691H. Honors Thesis in French. 3 Credits.**

Required of students reading for honors. Preparation of an essay under the direction of a member of the faculty. Topic to be approved by thesis director in consultation with honors advisor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **FREN 692H. Honors Thesis in French. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Thesis preparation under the direction of a departmental faculty member.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ITAL-Italian****Undergraduate-level Courses** **ITAL 51. First-Year Seminar: Contagion and Culture: Lessons from Italy. 3 Credits.**

A study of the ailing Body Politic, as manifested in Italy during various pandemics. We focus on literary and aesthetic responses to the 1348 bubonic plague pandemic syphilis the 16th c., tuberculosis and cholera in the 19th c., and Covid-19. Using critical and creative tools, we study literature, chronicles, medical treatises, and study manuscripts, works of art, architecture, and cartography. Taught in English; no knowledge of Italian required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST.

**Grading Status:** Letter grade.

**ITAL 101. Elementary Italian I. 3 Credits.**

Introduces the essential elements of Italian structure and vocabulary and aspects of Italian culture. Aural comprehension, speaking, reading, and writing are stressed in that order. Students may not receive credit for both ITAL 101 and ITAL 401.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**ITAL 102. Elementary Italian II. 3 Credits.**

Continues study of essential elements of Italian structures, vocabulary, and aspects of Italian culture. Aural comprehension, speaking, reading, and writing are stressed in that order. Students may not receive credit for both ITAL 102 and ITAL 401.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, ITAL 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**ITAL 130. Dante's Divine Comedy. 3 Credits.**

Florence, 1300. Decades of political violence and the Church's moral bankruptcy spark Dante's poetic vendetta: a tour of Hell, Purgatory, and Paradise to see souls getting their just deserts. Dante re-invents comedy to include horror and hallucination, philosophy and gossip, ethics and eros. Students engage analytically and creatively with literary and visual culture of the Italian middle ages.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**ITAL 203. Intermediate Italian I. 3 Credits.**

Develops language skills for communication. Reviews and expands grammar of elementary Italian with increasing emphasis on reading and writing in the context of Italian culture. Students may not receive credit for both ITAL 203 and ITAL 402.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, ITAL 102 or 401.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**ITAL 204. Intermediate Italian II. 3 Credits.**

Continued development of language skills for oral and written communication through reading and discussion of literature and expository texts. Further study of grammar. Students may not receive credit for both ITAL 204 and ITAL 402.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-GLOBAL.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, ITAL 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**ITAL 241. The Renaissance Mind and Body. 3 Credits.**

An introduction to Renaissance Studies via a selection of texts and images from the period. The course teaches students to interpret, appreciate, and critique literary and visual expressions from the Italian Renaissance, while considering their aesthetic forms, rhetorical strategies, contexts, and functions in shaping subsequent ideas and ongoing arguments about the Renaissance in the longer history of Western and global cultures.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**ITAL 242. Italy and Modernity: Culture in a Changing Country. 3 Credits.**

A study of modern Italy, with special attention to literature, culture, and socio-environmental transformations. Examined authors include 20th-century writers, artists, thinkers, filmmakers, environmentalists, and critics. In English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ITAL 250. Italian Fascism: Between History, Fiction, and Film. 3 Credits.**

An introduction to Italian fascism through history, literature, and film. A look at different forms of culture under fascism and how fascist culture has been remembered after its fall.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ITAL 258. Modern Italy since 1848. 3 Credits.**

This course focuses on the history of modern Italy and examines changes in political, social, economic structures. Students will engage in the search for an "Italian identity." Topics will include unification, World War I and II, Italian fascism, the postwar Italian Republic, the Mafia, terrorism, popular culture, and Silvio Berlusconi.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 258.

**ITAL 296. Course Correspondent Project in Italian. 1 Credits.**

Learning contract required. Students participating in UNC-led study abroad programs develop activities to supplement instruction in on-campus courses. Supervised by the on-campus instructor, students file reports on the sites, language, and culture of the country in which they are studying. Pass/Fail only. Permission of the instructor and the instructor's department.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

 **ITAL 300. Communicating in Italian: Media, Culture, and Society. 3 Credits.**

Intensive grammar review and communication course that allows skill-building in oral and written fluency in the context of learning about major debates of Italian history, society, and culture. In Italian.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE, COMMBEYOND.

**Requisites:** Prerequisite, ITAL 204 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**ITAL 308. LAC Recitation. 1 Credits.**

A recitation section or stand-alone course for selected courses that promote the use of foreign language proficiency across the curriculum (LAC). May not count toward the major or minor in Italian. Co-registration required unless a stand-alone LAC course, contact instructor or view Notes to determine.

**Rules & Requirements**

**Requisites:** Prerequisite, ITAL 203; Permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **ITAL 310. Italian Conversation. 3 Credits.**

Designed to expand oral skills to a variety of publics and across a variety of communicative contexts. Students will also have the opportunity to increase their proficiency in written communication in a variety of contexts as well.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE, COMMBEYOND.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, ITAL 204 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

 **ITAL 320. Italian Cities and Cultures: History, Power, and Ecology. 3 Credits.**

Italy's urban landscape has played a role in the shaping of the very idea of the city throughout the centuries. However, a critical approach is imperative, an approach that takes into account how institutionalized power mechanisms have led to vast inequalities in access to the resources (economic, cultural, ecological) of urban centers and peripheries and thus contested versions of who has the right to the city.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** HS, NA.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**ITAL 330. Italian History and Culture I. 3 Credits.**

A multidisciplinary examination of Italian Civilization from its beginnings in antiquity until the rise of the modern nation-state. Areas examined include history, art history, music and literature. In Italian.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**ITAL 331. Italian History and Culture II. 3 Credits.**

A multidisciplinary examination of Italian society and culture from its national unification until the present. The course will cover many cultural and political themes by examining texts from various media: film, literature, music, television, journalism, and architecture. In Italian.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Requisites:** Prerequisite, ITAL 204 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

 **ITAL 333. Italian Film and Culture. 3 Credits.**

Analysis of films from World War II to the present. Lectures and discussion in English. Films in Italian with English subtitles. Readings in Italian for majors, in translation for nonmajors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

 **ITAL 335. Themes in Italian Film. 3 Credits.**

Themes in Italian cinema: literary adaptation, neorealism, a single auteur or period, representations of fascism, the city, the country, industrialization, social space, north/south difference, regionalism, gender, and sexuality.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, NA.

**Grading Status:** Letter grade.

**ITAL 337. Cinema for Italian Conversation. 3 Credits.**

Expansion of speaking, writing, vocabulary, and grammar in Italian through the study of a variety of films. Topics relating to global issues, transnational connections between different countries, and diversity in Italy will be explored.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI.

**Requisites:** Prerequisite, ITAL 300.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**ITAL 340. Italian America. 3 Credits.**

Studies in Italo-American encounters and relationships. Different iterations of the course may focus on different historical periods, from early modern to post-war and contemporary, and different media including fiction, travelogues, film, visual art, and non-fiction.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA, US.

**Grading Status:** Letter grade.

**ITAL 343. Italian Culture Today: Modern Italy as a Nation 1860 to Present. 3 Credits.**

Provides an overview of modern Italian history from unification through the present, exploring institutions of politics, culture, family, religion, and media, and addressing themes of multiculturalism, racism, gender, and populism among many others. By learning how historical events, symbols, ideologies and narratives overlay contemporary debates over the proper relationship between state and society, students learn to question their assumptions about such relationships in their own country as well.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**ITAL 345. Italian Women Writers. 3 Credits.**

Introduces students to Italian women writers whose works explore how historical realities such as fascism, resistance, migration, immigration, and changing institutions of work and family have affected women.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**ITAL 346. Gender, Sexuality, and Representation in Early Modern Italy and Europe. 3 Credits.**

Examines ideals and practices around gender and sex from the Renaissance to the Counterreformation. Re-evaluates the historiography of early modern culture and asks students to think critically about literary and artistic canon-formation through the lens of gender studies.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**ITAL 357. Dante, Petrarch, and Boccaccio in English. 3 Credits.**

Introduces students to the world of Dante, Petrarch, and Boccaccio, situated within the context of medieval and early modern Europe.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ITAL 359. Medieval Frauds: Fake News, Counterfeits, and Forgeries. 3 Credits.**

This course examines medieval Italians' preoccupation with fraud through literary and historical texts: its philosophical definition and taxonomy, its perceived threat to moral and social order, the hermeneutics of fraud detection, and strategies for bearing the burden of proof.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**ITAL 365. Italian Food and Culture. 3 Credits.**

Examines the historical relationships between food and culture in Italian society.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**ITAL 372. Poetry, Parchment, Polis. 3 Credits.**

Explores the 13th c. origins of Italian-language literature from linguistic, historical, cultural, and material perspectives. Topics include courtly love, poetic rivalries, Sicilian and Tuscan lyric, religious and political poetry, comedy and satire, multiethnic Sicily, the legendary rulers Federico II and Genghis Khan, paleography, and manuscript culture. In Italian.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST, RESEARCH.

**Making Connections Gen Ed:** LA, WB.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5 & 6 combined.

**ITAL 374. Italian Ecofiction in Global Perspective. 3 Credits.**

Environmental and ecological topics occupy center stage in the horizon of modern and contemporary fiction. Taking Italy as its main observatory, this course explores the global "environmental imagination" of the 20th and 21st century through its most significant interpreters. Taught in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** PH, NA.

**Grading Status:** Letter grade.

**ITAL 382. The Italian Novel. 3 Credits.**

Studies in the Italian romanzo. Different iterations of the course take up different approaches - historical, theoretical, comparative, environmental - and core texts.


**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

 **ITAL 385. Italian Landscapes: Italy in the UNESCO World Heritage List. 3 Credits.**

This course examines Italian landscapes in the UNESCO World Heritage Sites list by undertaking an eco-cultural exploration across places, literature, and film. In English and open to students of all programs.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES.

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

 **ITAL 388. Environmental Issues in Italian Literature and Film. 3 Credits.**

This course examines how Italian literature and film convey relevant insights about ecological crises and planetary communities, contributing to shaping environmental imagination. Repeatable for credit. In Italian.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES.

**Making Connections Gen Ed:** LA, NA.

**Requisites:** Prerequisite, ITAL 204 or permission from instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**ITAL 395. Research for Advanced Students. 1-3 Credits.**

Required preparation, two major-level courses or permission of the instructor. A tutorial for advanced students in Italian on a topic agreed upon by the student and a member of the faculty.

**Rules & Requirements**

**Requisites:** Prerequisite, ITAL 300.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**ITAL 396. Independent Study in Italian Literature. 3 Credits.**

Independent study on a selected topic in Italian literature and culture agreed upon by the student and a member of the faculty.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ITAL 398. Undergraduate Seminar in Italian. 3 Credits.**

A seminar on a previously announced subject.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses**

**ITAL 401. Beginning Accelerated Italian. 3 Credits.**

Covers levels one and two of the basic language sequence in one semester. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Intensive approach to developing all skills but with an emphasis on speaking. Students may not receive credit for both ITAL 401 and ITAL 101 or 102.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1 & 2 combined.

 **ITAL 402. Intermediate Accelerated Italian. 3 Credits.**

A continuation of ITAL 401, covers levels three and four in one semester. Develops all skills, with increasing emphasis on reading, writing, and cultural analysis. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Prepares students for advanced courses. Students may not receive credit for both ITAL 402 and ITAL 203 or ITAL 204.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GBLB-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, ITAL 102 or 401.

**Grading Status:** Letter grade.

**Global Language:** Level 3 & 4 combined.

 **ITAL 525. Italo Calvino in English. 3 Credits.**

Offers a panoramic reading of Italo Calvino's works from his first works on the Resistance and war to his posthumous legacy. Taught in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ITAL 526. History of the Italian Language. 3 Credits.**

Studies in the evolution of the Italian language between its Latin origins and present debates around language pedagogy and English hegemony. Topics may include medieval and humanist language theory; grammar books and the codification of literary Tuscan in the sixteenth century; academies and dictionaries; philology in practice and in theory, world philology; nationalism, Italy's post-WWII linguistic standardization, and globalization.

**Rules & Requirements**

**Requisites:** Prerequisite, ITAL 204 or 402; permission of the instructor.

**Grading Status:** Letter grade.

 **ITAL 571. Primo Levi in English. 3 Credits.**

Discusses Nazi-fascist dictatorships and the Holocaust, as well as the democratization of Western societies after WWII. Also discusses Primo Levi's legacy today, in a time in which the memory of the recent past is always on the verge of being erased by new discriminatory discourses and renewed forms of violence. Taught in English.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-VALUES, RESEARCH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**ITAL 691H. Honors Thesis. 3 Credits.**

Required of students reading for honors. Preparation of an essay under direction of a member of the faculty. Topics to be approved by thesis director in consultation with honors advisor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ITAL 692H. Honors Thesis in Italian. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Thesis preparation under the direction of a departmental faculty member.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**PORT–Portuguese****Undergraduate-level Courses****PORT 101. Elementary Portuguese I. 3 Credits.**

Introduces the essential elements of Portuguese structure and vocabulary and aspects of Brazilian and Portuguese culture. Aural comprehension, speaking, reading, and writing are stressed in that order. Students may not receive credit for both PORT 101 and PORT 111 or 401.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**PORT 102. Elementary Portuguese II. 3 Credits.**

Continues study of essential elements of Portuguese structure, vocabulary, and aspects of Brazilian and Portuguese culture. Aural comprehension, speaking, reading, and writing are stressed in that order. Students may not receive credit for both PORT 102 and PORT 111 or 401.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PORT 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**PORT 111. Intensive Elementary Portuguese. 6 Credits.**

Covers the material of the PORT 101 and 102 sequence in a single semester. Students may not receive credit for both PORT 111 and PORT 101, 102, or 401.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1 & 2 combined.

**PORT 203. Intermediate Portuguese I. 3 Credits.**

Further development of language with emphasis on speaking, writing, and a review of grammar. Includes advanced Portuguese structures, cultural and literary texts. Students may not receive credit for both PORT 203 and PORT 212 or 402.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GBLB-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PORT 102, 111, or 401.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**PORT 204. Intermediate Portuguese II. 3 Credits.**

Continued development of language skills for communication. Further study of grammar. Students may not receive credit for both PORT 204 and PORT 212 or 402.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PORT 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**PORT 212. Intensive Intermediate Portuguese. 6 Credits.**

A continuation of PORT 111; covers the material of PORT 203 and 204 in one semester. Students may not receive credit for both PORT 212 and PORT 203, 204, or 402.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GBLB-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PORT 102, 111, or 401.

**Grading Status:** Letter grade.

**Global Language:** Level 3 & 4 combined.

**PORT 296. Course Correspondent Project in Portuguese. 1 Credits.**

Learning contract required. Students participating in UNC-led study abroad programs develop activities to supplement instruction in on-campus courses. Supervised by the on-campus instructor, students file reports on the sites, language, and culture of the country in which they are studying. Pass/Fail only. Permission of the instructor and the instructor's department.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**PORT 310. Advanced Communication in Portuguese: Media & Entertainment. 3 Credits.**

Development of speaking skills through discussion of media, popular music, and selected texts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH, COMMBEYOND.


**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, PORT 204 or 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.



 **PORT 316. Brazilian Performance in Music and Dance: Capoeira. 3 Credits.**

Study of Brazilian capoeira from its roots to the present day. Focus on verbal and nonverbal discourse experienced through the rules, songs, movements, rhythms, rituals of capoeira. In English; credit for major/minor in Portuguese if readings and written work are done in Portuguese.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

 **PORT 323. Advanced Communication in Portuguese: History, Nature, and Society. 3 Credits.**

Emphasizes the learning of Portuguese through cultural context. Language, society, and miscegenation will be approached through texts and films. Focus on important aspects of religion, festivities, and popular music from the Portuguese-speaking countries of three continents.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Requisites:** Prerequisite, PORT 204 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**PORT 351. Portuguese Interpretation I. 3 Credits.**

Introduces the profession of interpreter: main interpretation models, history and theory, use of cognitive processes in developing skills, ethical standards, and best practices. Emphasis on expanding communicative and cultural competency while applying strategies in business, conference interpretation, education, health care, and law enforcement.

**Rules & Requirements**

**Requisites:** Prerequisite, PORT 310 or 388.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**PORT 352. Portuguese Interpretation II. 3 Credits.**

Refines interpretation skills through continued study of theory and best practices in varied professional contexts. Focuses on enhancing linguistic competence, sight-translation, and mnemonic strategies. Increases cultural sensitivity to issues interpreters face in business, conference interpretation, education, health care, the hospitality industry, law, and social services.

**Rules & Requirements**

**Requisites:** Prerequisite, PORT 351.

**Grading Status:** Letter grade.

**PORT 354. Portuguese Translation I. 3 Credits.**

Introduction to translation theory, history and methods, and the basic elements of Portuguese-to-English and English-to-Portuguese translation through a variety of prose styles. Upon completion, students should be able to demonstrate usage and understanding of the elementary processes involved in translating.

**Rules & Requirements**

**Requisites:** Prerequisite, PORT 323 or 385.

**Grading Status:** Letter grade.

**Global Language:** Level 6.


**PORT 355. Portuguese Translation II. 3 Credits.**

Refines translation skills in cultural and consumer-oriented, financial, legal, literary, medical, and technical domains. Emphasis on expanding written proficiency and refining style, translating representative texts from diverse populations in the United States and in Portuguese-speaking countries, and demonstrating advanced lexical and grammatical proficiency in Portuguese.

**Rules & Requirements**

**Requisites:** Prerequisite, PORT 354.

**Grading Status:** Letter grade.

 **PORT 370. Modern Brazil through Literature and Film in Translation. 3 Credits.**

This course is devoted to the study of Brazilian culture and history through representative works of the late 19th- and early 20th-century literature with supplemental films. Taught in English. Available for major/minor credit in Portuguese if readings and written work are done in Portuguese.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **PORT 375. Portuguese and Brazilian Fiction in Translation. 3 Credits.**

The study of selected literary works by major writers from Portugal, Brazil, and the former Portuguese colonies in Africa.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-PAST.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **PORT 382. Women Writers: Brazil and Beyond. 3 Credits.**


Trajectory of women writers of the Portuguese-speaking world, with main focus on texts of the 20th and 21st century. Analysis of works within a social-historical and literary context.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **PORT 385. Verbal Art, Identities, and Nation in Portuguese-Speaking Africa. 3 Credits.**

Study of representative works of literature, oral tradition, popular music, and film from Lusophone Africa from the Age of Exploration through independence to the present. Focus on literary analysis, sociohistorical context, and cultures. Taught in English. Available for major/minor credit in Portuguese if readings and written work are done in Portuguese.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **PORT 387. Brazilian Religious Movements through Film and Literature. 3 Credits.**

Literary and cinematic representations of Candomblé, Sebastianism, Positivism, and Spiritism from late-19th through the 20th century. Focus on the penetration these forms of religiosity into mainstream Brazilian culture. Taught in English; credit for Portuguese major/minor if readings and work done in Portuguese.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

 **PORT 388. Portuguese, Brazilian, and African Identity in Film. 3 Credits.**

Study of the literary and cultural film production of the Portuguese-speaking world on three continents. Films in Portuguese with English subtitles.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**PORT 395. Research for Advanced Students. 1-3 Credits.**

Required preparation, two major-level courses or permission of the instructor. A tutorial for advanced students in Portuguese on a topic agreed upon by the student and a member of the faculty.

**Rules & Requirements**

**Requisites:** Prerequisite, PORT 310 or 323.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**PORT 396. Independent Study in Portuguese. 3 Credits.**

Independent study on a selected topic in Luso-Brazilian literature and culture agreed upon by the student and a member of the faculty.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**PORT 398. Undergraduate Seminar in Portuguese. 3 Credits.**

A seminar on a previously announced subject.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses**

**PORT 401. Beginning Accelerated Brazilian Portuguese I. 3 Credits.**


Covers levels one and two of the basic language sequence in one semester. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Intensive approach to developing all skills but with an emphasis on speaking. Students may not receive credit for both PORT 401 and PORT 101, 102, 105 or 111.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1 & 2 combined.

 **PORT 402. Intermediate Accelerated Brazilian Portuguese II. 3 Credits.**

A continuation of PORT 401, covers levels three and four in one semester. Develops all skills, with increasing emphasis on reading, writing, and cultural analysis. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Prepares students for advanced courses. Students may not receive credit for both PORT 402 and PORT 203, PORT 204 or PORT 212.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, PORT 102, 111, or 401.

**Grading Status:** Letter grade.

**Global Language:** Level 3 & 4 combined.

**PORT 408. LAC Recitation. 1 Credits.**


A recitation section or stand-alone course for selected courses that promote foreign language proficiency across the curriculum (LAC). Weekly discussion and readings in Portuguese. Co-registration required unless a stand-alone LAC course; contact instructor or view Notes to determine.

**Rules & Requirements**

**Requisites:** Prerequisite, PORT 204 or 402; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **PORT 420. Portuguese Language and Culture for the Professions. 3 Credits.**

Training for effective oral and written communication in the professional world. Builds upon linguistic and sociolinguistic concepts, refining language and enhancing cultural proficiency through extensive writing and speaking practice. Vocabulary, readings, and activities relate to social issues, business professions, and the workplace.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL, COMMBEYOND.

**Making Connections Gen Ed:** BN, CI, FL.

**Requisites:** Prerequisite, PORT 204 or 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**PORT 501. Survey of Portuguese Literature I. 3 Credits.**

An introduction to Portuguese literature from its origins through the 18th century.

**Rules & Requirements**

**Requisites:** Prerequisite, PORT 204 or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**PORT 520. Climate Change and the Cultural Imagination: Lusophone Interpretations. 3 Credits.**

In this course we will explore how contemporary Lusophone culture broaches the challenges and global dynamics of climate change.

How do the arts imagine solutions for the problems of contemporary environments? How might they subvert traditional configurations of knowledge and of power, and how can they impact human behavior? How might they help us envision a different future for our planet? Conducted in Portuguese.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Requisites:** Prerequisite, PORT 204, 402, 310, or 323; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**PORT 521. Contemporary Portuguese Culture and Contexts. 3 Credits.**

This course examines contemporary Portuguese culture and national identity—contrasting it with European culture in general—and examining the historical events (primarily from the 20th century) that have had the greatest impact on national identity. The Estado Novo dictatorship, the 1974 Carnation Revolution, loss of the Portuguese African colonies, integration into the European Union, and the changing social perceptions of the role of women are all examined.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**PORT 526. History of the Portuguese Language. 3 Credits.**

Survey of the history of Portuguese with stress on the characteristics of Brazilian Portuguese and the factors underlying them.

**Rules & Requirements**

**Requisites:** Prerequisite, PORT 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**PORT 530. Varieties of Portuguese. 3 Credits.**

Introduction to the linguistic analysis of Portuguese. Basic linguistic comparison of Portuguese dialects at different levels of linguistic structure. Emphasis on theoretical background in understanding language variation as a property of natural languages.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**PORT 535. Brazilian Drama. 3 Credits.**

A study of representative Brazilian plays of the 20th century with a review of the development of the theater in Brazil.

**Rules & Requirements**

**Requisites:** Prerequisite, PORT 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**PORT 540. Cultural Topics from the Lusophone World. 3 Credits.**

This course examines trends in the cultural production of the Lusophone world from the 19th century to the present, including philosophy, art, film, music, and social practices in Portugal, Brazil, and Lusophone Africa. Topics may include artistic movements, race, class, gender, colonialism, and religion.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, GL.

**Requisites:** Prerequisite, PORT 204 or 402; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**PORT 691H. Honors Thesis. 3 Credits.**

Required of all students reading for honors. Preparation of an essay under the direction of a faculty member. Topic to be approved by thesis director in consultation with honors advisor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**PORT 692H. Honors Thesis in Portuguese. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Thesis preparation under the direction of a departmental faculty member.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ROML—Romance Languages****Undergraduate-level Courses****ROML 50. First-Year Seminar: The Art and Science of Language: Orality and Literacy in the Information Age. 3 Credits.**


Students examine the expressive use of language in oral and written texts. Particular emphasis is placed on the contribution of the cognitive sciences to an understanding of how humans communicate.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **ROML 51. First-Year Seminar: National and Cultural Identities in the Romance Areas. 3 Credits.**

Explores the development of national identities in the Romance world, focusing on conscious and unconscious attitudes toward language that helped fashion the four major Romance languages. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **ROML 52. First-Year Seminar: The Value of Language in Identity: Hispanics in the United States. 3 Credits.**


This course explore the cultural challenges for Spanish-speaking immigrants in the United States, particularly the importance of language in culture and identity.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **ROML 53. First-Year Seminar: Oral Histories of Our Local Hispanic Community. 3 Credits.**


Introduces students to procedures for gathering, transcribing, and analyzing oral histories and to issues related to the growing Hispanic population at both the national and local levels.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **ROML 54. First-Year Seminar: Issues in Francophone Literature. 3 Credits.**


Studies such issues as national identities and national memory; the impact of colonization, postcolonialism, and globalization; conflicts between tradition and modernity; and the place of women in history.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ROML 55. First-Year Seminar: Writing with an Accent: Latino Literature and Culture. 3 Credits.**


A study of the literary production of Hispanics living in the United States. Examines works by Chicano, Puerto Rican, Nuyorican, Dominican, and Cuban American writers. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ROML 56. First-Year Seminar: Italians in Search of Harmony. 3 Credits.**

This course explores the concept of harmony in selected Italian writers from Dante to contemporary film directors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ROML 58. First-Year Seminar: Mexican Women across Borders and Genres. 3 Credits.**


Participants read poems, letters, stories, and short novels by Mexican women of the 20th century. Focus on gender and transgression, feminism, identity formation, and marginality. Selections from Elena Poniatowska, Sandra Cisneros, Cristina Rivera Garza, Ana Clavel, and Ángeles Mastretta, among others.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

 **ROML 60. First-Year Seminar: Spanish and Entrepreneurship: Language, Culture, and North Carolina Communities. 3 Credits.**


Students study Spanish language and Latino cultures through the lens of social entrepreneurship, a process of opportunity recognition, resource gathering, and value creation that brings sustainability to a social mission.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, HI-SERVICE.

**Making Connections Gen Ed:** CI, EE- Service Learning.

**Grading Status:** Letter grade.

 **ROML 61. First-Year Seminar: Language in Autism and Developmental Disorders. 3 Credits.**

In the United States, 17 percent of children have a developmental disability. How do they learn and use language to communicate, socialize, and achieve goals? How do we improve their language skills? This course examines these and other questions and helps students understand and carry out research with special populations.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **ROML 62. First-Year Seminar: What Happened to Latin?. 3 Credits.**


Analysis of how Latin transformed the linguistic configuration of the world and its lasting impact on culture and science. No previous knowledge of Latin or of any Romance language necessary to enroll.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

 **ROML 63. First Year Seminar: Forging Alliances: Religion, War, and Cultural Transference on the Camino. 3 Credits.**


This first-year seminar explores the role the Camino de Santiago (the Way of St. James) played in the construction of a distinctive Spanish identity in the medieval period of Europe. The topic is approached from a variety of perspectives: religious, political, economic, social, cultural, and artistic.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

 **ROML 71. First-Year Seminar: Asia in Iberian Converso Literature, 1500s-1650s. 3 Credits.**

This course examines how 16th- and 17th-century Iberian authors of Jewish heritage imagined and represented Chinese, Filipinos, Japanese, and Indonesians in their writings (e.g. plays, historical narratives, economic treatises, travel accounts, maps, etc.). We explore how these authors' representations of Asians not only dialogued with various interwoven variables (political, economic, and religious factors), but also revealed the historically complex issue regarding notions of personal identities and nationhood.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** LA, WB.

**Grading Status:** Letter grade.

**Same as:** ASIA 71.

 **ROML 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary by each semester. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **ROML 194. Service Learning in Romance Studies. 1 Credits.**

Permission of the instructor. Service learning component for students enrolled in Romance Studies APPLES courses. May not count toward any major or minor offered in the department.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Letter grade.

**ROML 229. Literature in the Romance Languages. 3 Credits.**

An introduction to literature in the Romance languages. All readings in English translation. Focus and readings will vary. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ROML 280. Social Theory and Cultural Diversity. 3 Credits.**

Introduction to basic paradigms of thinking about cultural difference (race, gender, nationality, religion, etc.), shaping how we act, think, and imagine as members of diverse cultures.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **ROML 293. Internship in Romance Studies. 3 Credits.**

Required preparation, two courses numbered above FREN/ITAL/PORT/SPAN 204. An opportunity to obtain credit for an internship requiring regular use of French, Italian, Portuguese, or Spanish while working in an organization in the United States or abroad. Does not count toward the major. Permission of the department. Open to majors and minors only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

**ROML 295. Research, Creativity, and Innovation in the Humanities. 3 Credits.**

This course serves as an introduction to research methodologies, theories, and the university resources available to students seeking to perform cutting-edge research in the humanities. The goal of the course is to produce a substantial research project. The capacities developed in this course as well as the project itself could be used as the basis for grants, scholarships, internship applications, or an honors thesis. Taught in English. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**Same as:** GSLL 295, CMPL 395.

**Advanced Undergraduate and Graduate-level Courses**

**ROML 461. Romanian I. 3 Credits.**

This course teaches basic skills of speaking, reading, and conversing in Romanian through a communicative approach.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**ROML 462. Romanian II. 3 Credits.**

This course expands students' grammatical knowledge of Romanian and enriches their vocabulary. It teaches more advanced skills of speaking, reading, and helps students develop their written fluency as they express more complex ideas.

**Rules & Requirements**

**Requisites:** Prerequisite, ROML 461; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**ROML 490. Special Topics in Romance Studies and Languages. 3 Credits.**

Examines selected topics in Romance studies and languages. Content varies by semester and instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**ROML 500. Research Methods for Romance Languages and European Studies. 3 Credits.**

Required preparation, B.A. with honors student or M.A. student. Provides training in research methodology for a B.A. with honors or M.A. thesis. Students will learn to conceptualize an original research project and to identify and assess the current intellectual debates in their chosen areas of research.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**ROML 501. Introduction to Digital Humanities for Romance Languages, Cultures and Heritage Studies. 3 Credits.**

Introduction to the digital humanities, its methods, theories, and applications in humanistic research as it pertains to the Romance languages, their cultures and heritage. Covers a variety of digital tools and approaches to explore, understand, organize, present, and tell stories with data from the Romance worlds. In English and open to graduate students and advanced undergraduates of all programs.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ROML 578. Comparative History of the Romance Languages. 3 Credits.**

The linguistic study of the evolution of Spanish, Portuguese, French, and Italian (and other Romance languages) from their common ancestor of Latin. Emphasis on phonological, morphological, syntactic, and lexical commonalities and divergences among the languages.

**Rules & Requirements**

**Requisites:** Prerequisite, FREN 300 or ITAL 300 or PORT 310 or SPAN 300; OR graduate standing; OR permission of instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** LING 578.

**ROML 600. Masters Workshop on Theory. 3 Credits.**

This graduate seminar consists of a series of in-depth studies of several major contemporary approaches to literary theory. Designed primarily as an elective for masters candidates in Romance Languages, this course aims to prepare students for advanced literature and literary theory courses.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ROML 650. The Politics of Remembering: Memory, History, and Power in 20th-Century Europe. 3 Credits.**

Interdisciplinary, comparative, and multimedia approach to the question of memory and history in 20th-century Europe. Explores individual memory, collective memory, and commemoration. Survey of interdisciplinary approaches to the field and an examination of historical sites through the narratives of mental illness, fiction, memoir, testimonial literature, photography, and film.

**Rules & Requirements**

**Grading Status:** Letter grade.

**ROML 660. Film and Culture in Brazil and Spanish America. 3 Credits.**

Critical examination of 20th-century Latin American cultural history in Brazil and Spanish-speaking countries, including Mexico, Cuba, El Salvador, Peru, Colombia, and Argentina. Course is framed between late 19th-century modernization and the contemporary discussion on globalization.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ROML 665. Reading Latin American Film and Photography. 3 Credits.**

Required preparation, one Spanish or Portuguese major-level literature course or permission of the instructor. Critical readings of photography through the lens of Brazilian and Spanish-American written, photographic, and film archives. This course is designed for graduate and advanced undergraduate students and considers current theoretical movements in photography alongside the historical, political, and aesthetic debates shaping the field of Latin American visual culture.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, BN.

**Grading Status:** Letter grade.

**ROML 698. Seminar in Romance Languages: Capstone Course. 3 Credits.**

Capstone course.

**Rules & Requirements**

**Grading Status:** Letter grade.

**SPAN–Spanish****Undergraduate-level Courses****SPAN 100. Elementary Spanish Review. 3 Credits.**

Online course that includes essentials of elementary Spanish. Designed for students with previous study who place into first-semester Spanish. Upon successful completion students will enroll in SPAN 102. Students may not receive credit for both SPAN 100 and SPAN 101, 111, or 401.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**SPAN 101. Elementary Spanish I. 3 Credits.**

Introduces the essential elements of Spanish structure and vocabulary and cultural aspects of the Spanish-speaking world. Aural comprehension, speaking, reading, and writing are stressed. Students may not receive credit for both SPAN 101 and SPAN 100, 111, or 401.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1.

**SPAN 102. Elementary Spanish II. 3 Credits.**

Continues the study of the essential elements of Spanish structure, vocabulary, and the cultural aspects of the Spanish-speaking world. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both SPAN 102 and SPAN 105, 111, 401, or 404. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SPAN 100 or 101.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**SPAN 105. Spanish for High Beginners. 4 Credits.**

Accelerated course that covers SPAN 101 and 102 for students with previous study of Spanish. Aural comprehension, speaking, reading, and writing. Students may not receive credit for both SPAN 105 and SPAN 102, 111, 401, or 404.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 2.

**SPAN 111. Modified Intensive Elementary Spanish I and II. 6 Credits.**

Students must meet eligibility criteria. Class meets five days per week (MTWRF) for a total of six hours of instruction. Alternative teaching and learning strategies used to provide in-depth coverage of the material of the SPAN 101 and 102 sequence in a single semester. Students may not receive credit for both SPAN 111 and SPAN 100, 101, 102, 105, or 401. Permission of the instructor required.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1 & 2 combined.

**SPAN 170. Reading América Now. Fourteen Spanish American Prose Fictions Written While You've Been Around. 3 Credits.**

This course studies trends in thought and social practices in the Spanish speaking Americas through the most recent literature of the region. Topics may include colonialism, race, class, ethnicity, modernization, ecology, religion, gender, and popular culture. Texts and class are in English.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Grading Status:** Letter grade.

**SPAN 203. Intermediate Spanish I. 3 Credits.**

Develops language skills for communication. Review of elementary Spanish. Expands awareness of the Spanish-speaking world through readings and discussion of representative texts. Students may not receive credit for both SPAN 203 and SPAN 212, 402, or 405. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SPAN 102, 104, 105, 111, or 401.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

**SPAN 204. Intermediate Spanish II. 3 Credits.**

Continued development of language skills for communication. Considers finer points of linguistic structure. Expands awareness of Spanish culture through reading, inquiry, and class discussion. Students may not receive credit for both SPAN 204 and SPAN 212 or 402. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SPAN 203.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**SPAN 205. Intermediate Spanish II for Heritage Learners. 3 Credits.**

Students may not receive credit for both SPAN 204, and 205, and SPAN 212, or 402. This course is designed for the further development of language skills of Heritage Learners for better communication at the Intermediate level. Considers finer points of linguistic structure. Expands awareness of Spanish-speaking cultures through reading, inquiry, and class discussion.

**Rules & Requirements**

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SPAN 203, or permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 4.

**SPAN 212. Modified Intensive Intermediate Spanish I. 6 Credits.**

A continuation of SPAN 111. Class meets five days per week (MTWRF) for a total of six hours of instruction. In-depth recycling of SPAN 111 material while providing alternative teaching and learning strategies to cover the material of SPAN 203. Additional focus on modified reading and writing strategies, as well as opportunities for further cultural enrichment. Students may not receive credit for both SPAN 212 and SPAN 203. Permission of the instructor required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SPAN 111.

**Grading Status:** Letter grade.

**Global Language:** Level 3 & 4 combined.

**SPAN 252. Argentine Jewish Culture. 3 Credits.**

An introduction to the study of Jewish culture in Argentina, using different cultural products as an approach to understanding the process whereby Jews in Argentina moved from being poor immigrants to having prominent roles in the society. Restricted to students in the Buenos Aires summer study abroad program.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**SPAN 253. Argentine Jewish Film. 3 Credits.**

Students experience Buenos Aires through films. Studying the historical and social background through readings, films, and visits to the sites where Jewish life in Buenos Aires is taking place helps students make authentic connections between fiction and reality. Restricted to students in the Buenos Aires summer study abroad program.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, EE- Study Abroad.

**Grading Status:** Letter grade.

**SPAN 255. Conversation I. 3 Credits.**

Introductory conversation. Builds oral proficiency and awareness of Hispanic culture. Emphasizes vocabulary and grammatical accuracy; writing activities support speaking. Not open to native speakers. Students may not receive credit for both SPAN 255 and SPAN 266. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, SPAN 204, 212, or 402.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**SPAN 261. Advanced Spanish in Context. 3 Credits.**

Fifth semester Spanish course required for all majors and minors that uses literature, film, and culture as a basis for reviewing grammatical concepts, developing writing competency, and improving overall communication skills. Students may not receive credit for both SPAN 261 and SPAN 267. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, SPAN 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**SPAN 266. Spanish Conversation for Heritage Learners. 3 Credits.**

Spanish conversation for native speakers. Develops vocabulary and standard grammar skills, supports research in the history and lives of Hispanics in the United States. First in two-course sequence with SPAN 326. Students may not receive credit for both SPAN 266 and SPAN 255.

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, SPAN 204.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**SPAN 267. Advanced Spanish in Context for Heritage Learners. 3 Credits.**

Fifth semester Spanish course, designed specifically for Heritage learners, required for all majors and minors. Uses literature, film, and culture as a basis for reviewing grammatical concepts, developing writing competency, and improving overall communication skills. Students may not receive credit for both SPAN 267 and SPAN 261.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, SPAN 204 or SPAN 205; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 5.

**SPAN 270. Contemporary Spanish American Prose Fiction in Translation. 3 Credits.**

Narrative works of Borges, Cortázar, García Márquez, and other contemporary Spanish American writers.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**SPAN 275. Masterpieces of Spanish Literature in Translation. 3 Credits.**

Representative Spanish authors from the Middle Ages to the present.

**Rules & Requirements**

**Grading Status:** Letter grade.

**SPAN 280. Cervantes in English Translation. 3 Credits.**

Study and discussion of Don Quijote with consideration of the Exemplary Novels and the background of Renaissance prose.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**SPAN 292. Approaches to Spanish Language Teaching. 3 Credits.**

Permission of the program director based on oral proficiency interview. Students must have advanced proficiency in Spanish. Students learn and implement fundamentals of foreign language instruction as peer tutors for elementary Spanish courses. Students may take course twice for credit. May not count toward the major or minor in Spanish.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

**SPAN 296. Course Correspondent Project in Spanish. 1 Credits.**

Learning contract required. Students participating in UNC-led study abroad programs develop activities to supplement instruction in on-campus courses. Supervised by the on-campus instructor, students file reports on the sites, language, and culture of the country in which they are studying. Pass/Fail only. Permission of the instructor and the instructor's department.

**Rules & Requirements**

**Grading Status:** Pass/Fail.



**SPAN 300. Grammar and Structure of Spanish. 3 Credits.**

Advanced grammar designed to improve grammatical analysis, accuracy, and develop writing skills, using process and task-oriented approaches. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 261 or SPAN 267; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **SPAN 301. Introduction to Literary and Cultural Analysis. 3 Credits.**

Prepares students to formulate and communicate critical analyses of literary works in at least three genres chosen from theater, poetry, essay, narrative, and film while situating the readings within a cultural context. Students will improve Spanish language proficiency and appreciation of different world views through literature and culture. Previously offered as SPAN 260. Students may not receive credit for both SPAN 301 and SPAN 260 or 302. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, SPAN 261 or SPAN 267.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

 **SPAN 302. Literary and Cultural Analysis for Heritage Learners. 3 Credits.**

Designed for heritage learners, prepares students to formulate and communicate critical analyses of literary works in at least three genres chosen from theater, poetry, essay, narrative, and film while situating the readings within a cultural context. Students will gain appreciation of different world views through literature and culture. Previously offered as SPAN 262; students may not receive credit for SPAN 302 and 260 or 301.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, SPAN 261 or 267; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**SPAN 308. LAC Recitation. 1 Credits.**

A recitation or stand-alone section for LAC courses. May not count toward the major or minor in Spanish. Co-registration required unless a stand-alone LAC course. Contact instructor or view Notes to determine.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 204; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 4 total credits. 4 total completions.

**Grading Status:** Letter grade.

**SPAN 320. Spanish for Business (First Semester). 3 Credits.**

All-skills course with review of grammar and extensive writing and speaking practice. Vocabulary, readings, and activities geared toward the language of business professions in the context of the United States Hispanic community. Students may receive credit for only one of SPAN 320, 321, or 323.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 261 or 267.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**SPAN 321. Spanish for the Medical Professions (First Semester). 3 Credits.**

All-skills course with review of grammar, extensive writing and speaking practice. Vocabulary, readings, and activities geared toward the language of health care professions in the context of the United States Hispanic community. Students may receive credit for only one of SPAN 320, 321, or 323. Open only to students in the minor in Spanish for the professions.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 261 or SPAN 267.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**SPAN 323. Spanish for the Legal Professions (First Semester). 3 Credits.**

All-skills course with review of grammar and extensive writing and speaking. Vocabulary, readings, and activities geared toward the language of legal professions within the context of the Hispanic community. Students may receive credit for only one of SPAN 320, 321, or 323. Open only to students in the minor in Spanish for the professions.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 261 or 267.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**SPAN 324. Spanish for the Legal Professions (Second Semester). 3 Credits.**

Second semester, all-skills course with extensive writing and speaking practice, and grammar review. Vocabulary, readings, and activities geared toward the language of law professions in the context of the United States Hispanic community.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 261 or 267, and SPAN 323.

**Grading Status:** Letter grade.

**SPAN 325. Spanish for Business (Second Semester). 3 Credits.**

Second semester, all-skills course with extensive writing and speaking practice, including grammar review. Vocabulary, readings, and activities geared toward the language of business professions in the context of the United States Hispanic community.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 261 or 267 and SPAN 320.

**Grading Status:** Letter grade.

**SPAN 328. Spanish for the Medical Professions (Second Semester). 3 Credits.**

Second semester, all-skills course with extensive writing and speaking practice, including grammar review. Vocabulary, readings, and activities geared toward the language of health care professions in the context of the United States Hispanic community.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 261 or 267, and SPAN 321.

**Grading Status:** Letter grade.

**SPAN 329. Spanish for Professional and Community Engagement. 3 Credits.**

Eighth-semester capstone course applying skills in Spanish language and cultures to professional and community contexts. Assignments include professional documents, community service work and projects, and a research project. Open only to students in the minor in Spanish for the professions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Requisites:** Prerequisite, SPAN 324, 325, or 328.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**SPAN 338. Trans-Atlantic Cultural Topics. 3 Credits.**

Cultural history of Spain and Spanish America from the 16th century to the 21st century. Explores trans-Atlantic dimensions of Spanish and Spanish American cultures and the elements that have shaped those societies and their cultural traditions during the periods studied. Formerly offered as SPAN 331.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** GL.

**Requisites:** Prerequisite, SPAN 261 or 267.

**Grading Status:** Letter grade.

**SPAN 340. Iberian Cultural Topics. 3 Credits.**

This course studies trends in thought, art, film, music, and social practices in the Iberian context, and includes the study of Spain's historical nationalities. Topics may include nationalism, ethnicity, race, class, gender, migration, and popular culture.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisite, SPAN 261 or 267.

**Grading Status:** Letter grade.

**SPAN 344. Latin@ American Cultural Topics. 3 Credits.**

This course studies trends in thought, art, film, music, social practices, in the Spanish speaking Americas, including the United States. Topics may include colonialism, race, class, ethnicity, modernization, ecology, religion, gender, and popular culture.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Requisites:** Prerequisite, SPAN 261 or 267.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**SPAN 351. Spanish Interpretation I. 3 Credits.**

Introduces the profession of interpreter: main interpretation models, history and theory, use of cognitive processes in developing skills, ethical standards, and best practices. Emphasis on expanding communicative and cultural competency while applying strategies in business, conference interpretation, education, health care, law, and law enforcement.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 261 or 267, and SPAN 300 or 301 or 302.

**Grading Status:** Letter grade.

**SPAN 352. Spanish Interpretation II. 3 Credits.**

Refines interpretation skills through continued study of theory and best practices in varied professional contexts. Focuses on enhancing linguistic competence, sight-translation, and mnemonic strategies. Increases cultural sensitivity to issues interpreters face in business, conference interpretation, education, health care, the hospitality industry, law, and social services.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 351.

**Grading Status:** Letter grade.

**SPAN 360. Introduction to Hispanic Linguistics. 3 Credits.**

Introduction to the linguistic study of sound, meaning, grammatical form, dialectal and sociolinguistic variation, with a particular focus on modern Spanish and the languages of Spain and Latin America. Previously offered as SPAN/LING 377.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, BN, GL, FL.

**Requisites:** Prerequisite, SPAN 300 or SPAN 301; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** LING 360.

**SPAN 361. Hispanic Film. 3 Credits.**

Study of contemporary cultural, historical, and aesthetic issues through narrative film, documentary, and other media from Latin America and Spain.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** VP, GL.

**Requisites:** Prerequisite, SPAN 261 or SPAN 267.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**SPAN 369. Introduction to Translation. 3 Credits.**

Theory and practice of translation through a dual approach of conceptual readings and classroom discussion and workshops in interdisciplinary fields. Emphasizes cultural role of the translator as mediator.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 261 or 267, and 300.

**Grading Status:** Letter grade.

**SPAN 370. Spanish Translation II. 3 Credits.**

This course introduces students to literary translation: close reading and creative re-writing. Students work with memoir/essay, poetry/songs, theater/film, science-fiction, la novela rosa, true crime, graphic novels and comics, young adult, and children's literature by a diverse representation of artists. They learn marketplace skills: how to contact authors and assemble a submission "package" for publication. They also practice solving unique problems in determining priorities and compensating for translation loss, transferring figurative speech, cultural practices, and regionalisms.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 369.

**Grading Status:** Letter grade.

**SPAN 371. Studies in Spanish Literature. 3 Credits.**

Study of the literatures of Spain centering on representative authors and texts from various literary movements, situated within their sociohistorical contexts.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisite, SPAN 301 or 302.

**Grading Status:** Letter grade.

**SPAN 373. Studies in Latin American Literature. 3 Credits.**

The literature of Spanish America from pre-Colombian times to the present. Representative authors and texts from various literary movements will be studied in their sociohistorical contexts.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisites, SPAN 301 or 302.

**Grading Status:** Letter grade.

**SPAN 374. Mesoamerica through Its Native Literatures. 3 Credits.**

Literature of the Mayas, Aztecs, and their neighbors from the Pre-Columbian period to the present. Historical, cultural, and religious information with discussions of the complexity and variation of intercultural ways of life. A comparative approach includes the aesthetic similarities, differences, and rhetorical strategies employed by indigenous writers.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, SPAN 301 or 302.

**Grading Status:** Letter grade.

**SPAN 375. Spanish of the United States. 3 Credits.**

Study of the Spanish found today in the United States, its history and characteristics, and the socioeconomic repercussions of its presence in contact with English.

**Rules & Requirements**

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisite, SPAN 261 or 267.

**Grading Status:** Letter grade.

**SPAN 376. Spanish Phonetics and Phonology. 3 Credits.**

Introduction to the description of sound systems with a focus on Spanish. Includes the study of the historical development of Spanish and its areal and social variation in Spain, Latin America, and the United States.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, BN, GL, FL.

**Requisites:** Prerequisite, SPAN 300 or SPAN 301; permission from the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** LING 376.

**SPAN 378. Afro-Hispanic Language Contacts. 3 Credits.**

Introduction to the study of Spanish in contact with African languages in the Iberian Peninsula and Latin America since the beginning of the slave trade. Linguistic analysis of literary texts from a variety of eras will assess how contact with the African diaspora has had a permanent impact on contemporary Spanish.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Requisites:** Prerequisite, SPAN 360 or 376.

**Grading Status:** Letter grade.

**SPAN 379. Aesthetics of Violence in Latina/o American Fiction. 3 Credits.**

The course explores the aesthetics of violence in contemporary Latina/o American fiction, paying attention to historical memory, rewritings of history, and the formation of otherness and marginality. Selections from Junot Díaz, Graciela Limón, Daniel Alarcón, Santiago Roncagliolo, Horacio Castellanos Moya, Roberto Bolaño, and Orfa Alarcón, among others.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisites, SPAN 301 or 302, and SPAN 371 or 373.

**Grading Status:** Letter grade.

**SPAN 380. Studies in Spanish Drama. 3 Credits.**

Spanish-language theater. Specific topics to be announced in advance by the instructor.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading Status:** Letter grade.

**SPAN 381. Studies in Spanish and Spanish American Poetry. 3 Credits.**

Specific topics to be announced in advance by the instructor.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading Status:** Letter grade.

**SPAN 382. Studies in Spanish Prose. 3 Credits.**

Selected works of prose from the Spanish canon organized by topic or theme.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading Status:** Letter grade.

**SPAN 383. Medieval Spanish Literature. 3 Credits.**

A survey of lyric poetry, drama, prose, and genres peculiar to the literature before 1500.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading Status:** Letter grade.

**SPAN 384. Spanish Renaissance. 3 Credits.**

A survey of poetry, drama, and prose of the 16th century.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading Status:** Letter grade.

**SPAN 385. Contemporary Spanish American Prose Fiction. 3 Credits.**

A study of the cultural, political, and aesthetic dimensions of the novels and short stories of selected contemporary Spanish American writers such as Borges, Cortázar, García Márquez, Puig, etc.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading Status:** Letter grade.

**SPAN 386. Literature and Politics in Central America. 3 Credits.**

The course will explore the most prominent authors of Central America (Guatemala, Honduras, El Salvador, Nicaragua, Costa Rica, and the United States) since the 1950s. Critical analysis of their poetry, short stories, novels, testimonial narratives, and films.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisite, SPAN 371 or 373.

**Grading Status:** Letter grade.

**SPAN 387. Eroticism in Contemporary Latin American Literature. 3 Credits.**

Literary manifestations of love, sexuality, and eroticism as social and political metaphors of contemporary Latin America. Selections from Sor Juana, Agustini, Darío, López Velarde, and Neruda with more emphasis on 20th-century works by writers like Donoso, Vargas Llosa, García Márquez, Poniatowska, Rivera Garza, and Montero.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Requisites:** Prerequisites, SPAN 301 or 302, and SPAN 371 or 373.

**Grading Status:** Letter grade.

**SPAN 388. Narratives of the Mexican Revolution. 3 Credits.**

Analysis of historical and literary writing, cinematic productions, and popular corridos produced in response to the Mexican Revolution. In addition to exposure to significant milestones in the development of Mexican literature, students will strengthen their Spanish reading ability and sharpen critical skills.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Requisites:** Prerequisites, SPAN 301 or 302, and 371 or 373.

**Grading Status:** Letter grade.

**SPAN 389. Outside Cuba: Diasporic Literature and Culture. 3 Credits.**

An overview of the literary and cultural production (essays, novels, short stories, plays, music, film) of Cubans living in the diaspora after the Cuban revolution.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 301 or 302, and SPAN 371 or 373.

**Grading Status:** Letter grade.

 **SPAN 394. Creative Writing in Spanish. 3 Credits.**

This fiction workshop allows students to engage in individual and collaborative creative expression, exploration, and production. Throughout the semester, students analyze literary works to acquire the necessary tools to create their own short stories in Spanish, while mastering certain techniques and methods related to fiction. The course also integrates cultural events outside of the classroom such as guest lectures, book presentations, or literary workshops as part of class participation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisite, SPAN 338, 340, 344, 371, or 373.

**Grading Status:** Letter grade.

**Global Language:** Level 6.

**SPAN 395. Research for Advanced Students. 1-3 Credits.**

Required preparation, two major-level courses or permission of the instructor. Research project for advanced students on a topic agreed upon by the student and faculty member.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**SPAN 397. Undergraduate Seminar in Language and Linguistics. 3 Credits.**

Seminar on a previously announced topic.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 360 or 376.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**Same as:** LING 397.

**SPAN 398. Undergraduate Seminar in Literature and Culture. 3 Credits.**

Variable topics seminar.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 371 and 373; permission of the instructor for students lacking the prerequisites.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

### Advanced Undergraduate and Graduate-level Courses

#### SPAN 401. Beginning Accelerated Spanish. 3 Credits.

Covers levels one and two of the basic language sequence in one semester. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Intensive approach to developing all skills but with an emphasis on speaking. Students may not receive credit for both SPAN 401 and SPAN 101, 102, 105 or 111.

#### Rules & Requirements

**Making Connections Gen Ed:** FL.

**Grading Status:** Letter grade.

**Global Language:** Level 1 & 2 combined.

#### SPAN 402. Intermediate Accelerated Spanish. 3 Credits.

A continuation of SPAN 401, covers levels three and four in one semester. Develops all skills, with increasing emphasis on reading, writing, and cultural analysis. Designed for highly motivated undergraduate/graduate language learners, especially those who have experienced success with learning another language. Prepares students for advanced courses. Students may not receive credit for both SPAN 402 and SPAN 203, SPAN 204 or SPAN 212.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SPAN 102, 105, 111, or 401.

**Grading Status:** Letter grade.

**Global Language:** Level 3 & 4 combined.

#### SPAN 404. Elementary Spanish for Health Professionals. 3 Credits.

Distance course requiring access to the Internet. Focuses on communication within the context of Latino/a immigrant culture in health care settings. Students may not receive credit for both SPAN 404 and SPAN 102 or 105.

#### Rules & Requirements

**Grading Status:** Letter grade.

**Global Language:** Level 2.

#### SPAN 405. Intermediate Spanish for Health Care Professionals. 3 Credits.

Distance course requiring access to the Internet. Focuses on improving communication within the context of Latino/a immigrant culture in health care settings. This course is equivalent to SPAN 203 (Intermediate Spanish I) and therefore fulfills the foreign language requirement. Students may not receive credit for both SPAN 405 and SPAN 203.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** GLBL-LANG.

**Making Connections Gen Ed:** FL.

**Requisites:** Prerequisite, SPAN 102 or 404.

**Grading Status:** Letter grade.

**Global Language:** Level 3.

#### SPAN 414. Languages of Spain I. 3 Credits.

Study of the language and culture of one of the languages of Spain other than Spanish. Selection will vary according to term: Catalan, Euskera (Basque), Galician.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

#### SPAN 415. Languages of Spain II. 3 Credits.

Continuation of the study of the language and culture of one of the languages of Spain other than Spanish. Selection will vary according to term: Catalan, Euskera, Galician.

#### Rules & Requirements

**Requisites:** Prerequisite, SPAN 414.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

#### SPAN 416. Languages of the Americas I. 3 Credits.

Study of the language and culture of one of the languages of Spanish America other than Spanish. Selection will vary according to term: Mayan, Nahuatl, Quechua, Guarani.

#### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

#### SPAN 417. Languages of the Americas II. 3 Credits.

Continuation of the study of the language and culture of one of the languages of Spanish America other than Spanish. Selection will vary according to term: Mayan, Nahuatl, Quechua, Guarani.

#### Rules & Requirements

**Requisites:** Prerequisite, SPAN 416.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

#### SPAN 601. Spanish for Reading. 3 Credits.

For students with no background in Spanish or those needing a review of grammatical structures and vocabulary in preparation for the reading knowledge exam for graduate students (FLPA).

#### Rules & Requirements

**Grading Status:** Letter grade.

#### SPAN 613. Colonial and 19th-Century Spanish American Literature. 3 Credits.

Advanced survey of literary works from 16th- through 19th-century Spanish America, with emphasis on their rhetorical foundations and historical, political, and aesthetic connections.

#### Rules & Requirements

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading Status:** Letter grade.

#### SPAN 614. Modernist and Contemporary Spanish American Literature. 3 Credits.

Advanced survey of Spanish American works from the 1880s through the present, with emphasis on their rhetorical foundations and historical, cultural, political, and aesthetic connections.

#### Rules & Requirements

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading Status:** Letter grade.

**SPAN 617. Cervantes and the Quijote. 3 Credits.**

Close reading of Cervantes' Quijote and selected Novelas ejemplares, with consideration of the background of Renaissance prose (romance of chivalry, pastoral, and sentimental novel) in relation to 16th-century historiography.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading Status:** Letter grade.

**SPAN 620. Women in Hispanic Literature. 3 Credits.**

The image of woman in 16th- and 17th-century Hispanic literature. A study of texts by Spanish and Spanish American authors. Readings in Spanish or in English translation. Lectures in English.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading Status:** Letter grade.

**Same as:** WGST 620.

**SPAN 621. Literary and Cultural History of the Spanish Language. 3 Credits.**

A historical study of the cultural and societal factors that influence the evolution of the Spanish language and its literature, from its first written documents in the ninth century to literatures written in Spanglish today.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 301 or 302; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**SPAN 625. Indigenous Literatures and Cultures of the Américas. 3 Credits.**

Panoramic view of indigenous literatures in the Américas through a study of a variety of indigenous textual production including chronicles, manifestos, novels, testimonial narratives, short stories, poetry, artistic production, and film.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**SPAN 630. Literature and the Visual Arts in Spain. 3 Credits.**

Study of the literature of the Iberian Peninsula and developments in the visual arts from the Middle Ages to the early 20th century.

**Rules & Requirements**

**Grading Status:** Letter grade.

**SPAN 650. The Spanish Comedia of the Golden Age. 3 Credits.**

A comprehensive study of the Golden Age Spanish theater from its Renaissance beginnings through the 17th century.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading Status:** Letter grade.

**SPAN 661. Film Studies: Iberia and the Americas. 3 Credits.**

Advanced study of the history and theory of film produced in the Spanish- and Portuguese-speaking worlds for beginning graduate students and advanced undergraduates. Readings in film history and theory will build students' knowledge in cultural, political, and aesthetic issues. Class discussions emphasize critical and analytical thought.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, GL.

**Requisites:** Prerequisite, SPAN 361; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**SPAN 676. Advanced Spanish Phonology. 3 Credits.**

Topics in Spanish phonology from a range of theoretical perspectives. Autosegmental theory, optimality theory (OT), syllable structure, stress and accent, and the interaction of phonology and morphology.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 376; OR graduate standing; OR permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** LING 676.

**SPAN 677. Spanish Syntax. 3 Credits.**

Why do we say in Spanish "me gusta" ("to me pleases") for "I like it"? Syntax studies how words associate in larger structures. This class provides the tools to understand the forms of different varieties of Spanish.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**SPAN 678. History of the Spanish Language. 3 Credits.**

SPAN 376 desirable. A theoretical study of the evolution of Spanish from classical and spoken Latin, focusing on phonological, morphological, and syntactic phenomena. Intended for linguistics majors.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, WB.

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** LING 678.

**SPAN 679. Spanish Pragmatics. 3 Credits.**

This course is an introduction to the study of meaning and language use, with a focus on Spanish. Includes discussion of the classical texts in the field as well as analysis of a variety of data (corpora, fieldwork, and experimental materials).

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, SPAN 360.

**Grading Status:** Letter grade.

**SPAN 680. First- and Second-Language Acquisition of Spanish. 3 Credits.**

Why and how do children learn language so easily, and why is it so difficult for adults to learn a second language? This course examines these and related questions in the light of current theories of first and second language acquisition, with a focus on Spanish.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**SPAN 681. Spanish Semantics. 3 Credits.**

This course is an upper undergraduate/graduate-level introduction to the study of the meaning of words and sentences, with a focus on Spanish. It covers the following topics: truth-conditional theories of meaning, modality, quantification, reference, tense and aspect, Aktionsart. The course also addresses cross-linguistic data collection, e.g., field work and experimental methods.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 360.

**Grading Status:** Letter grade.

**Same as:** LING 681.

**SPAN 682. Spanish Sociolinguistics. 3 Credits.**

Interdisciplinary approach to studying the Spanish language as a social and cultural phenomenon. Explores the relationship between language and culture, communicative competence and pragmatics, social and linguistic factors in language variation and change, attitudes toward language and language choice, linguistic prejudice and language myths, and language and identity.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, SPAN 360, 376, or 378.

**Grading Status:** Letter grade.

**SPAN 683. Guaraní Linguistics. 3 Credits.**

Guaraní, an official language of Paraguay, is the only indigenous language in the Americas (and possibly in the world) that is spoken natively by a nonindigenous majority. This seminar explores the linguistics of Guaraní: its typology, history, grammar, and sociolinguistics.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, GL.

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**SPAN 684. Spanish Dialectology and Variation. 3 Credits.**

Linguistic analysis of variation within the Spanish-speaking world. Special attention paid to contact situations between Spanish and other languages.

**Rules & Requirements**

**Requisites:** Prerequisite, SPAN 360; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **SPAN 691H. Honors Thesis. 3 Credits.**

Required of students reading for honors. Preparation of an essay under the direction of a faculty member. Topic to be approved by thesis director in consultation with honors advisor.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **SPAN 692H. Honors Thesis in Spanish. 3 Credits.**

Restricted to senior honors candidates. Second semester of senior honors thesis. Thesis preparation under the direction of a departmental faculty member.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Department of Romance Studies**

Visit Program Website (<http://romancestudies.unc.edu>)

238 Dey Hall, CB# 3170

(919) 962-2062

**Chair**

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**Director of Undergraduate Studies**

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## Romance Languages Major, B.A. – French and Francophone Studies

The French major provides students with a more thorough command of the language, as well as a comprehensive knowledge of the literatures, cultures, and civilization of the francophone world. French majors are also trained in research methodology in French, francophone, and European studies.

French majors have gone on to careers in education, international business, law, journalism, publishing, social work, and health, as well as graduate study in French. The diverse offerings of the program include courses such as French civilization, business French, advanced oral and written French, introduction to French and francophone literatures, the role of France in Europe today, and identities in European cinema.

## Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading.

Upon completion of the program in Romance languages, students should be able to:

- Participate in conversations on concrete, social, academic, and professional topics
- Speak in detail about experiences and events in a variety of time frames and moods
- Represent points of view in discussions, both oral and written
- Deliver well-organized presentations on concrete, academic and professional topics
- Write on a wide variety of general interest, professional, and academic topics
- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics
- Understand and discuss texts representing a variety of topics and genres

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
One of the following courses: <sup>1</sup>		3
FREN 255	Conversation I <sup>H</sup>	
FREN 260	Literature and the French-Speaking World <sup>H</sup>	
FREN 262	Cultural and Linguistic Diversity in the French-Speaking World	
FREN 300	French Composition and Grammar Review	3
Seven additional courses above 204, which must include: <sup>2</sup>		21
At least one course focused on French and Francophone contexts up to 1789 (see course list below) <sup>3</sup>		
At least one course focused on French and Francophone contexts since 1789 (see course list below) <sup>3</sup>		
At least four courses taught in French (see course lists below)		
<b>Total Hours</b>		<b>27</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students may not take more than two courses from FREN 255, FREN 260, and FREN 262. If a second course is taken, it may be used as one of the seven electives.

<sup>2</sup> Excluding FREN 401, FREN 402, FREN 501, FREN 601, and FREN 692H. One course may be taken outside the Department of Romance Studies,

if applicable and with prior approval by the undergraduate advisor in French. This rule does not affect Study Abroad.

<sup>3</sup> Special topics courses (FREN 390, FREN 490, FREN 590, FREN 690) may fulfill historical distribution requirements, depending on topic, with approval of the Undergraduate Advisor in French.

## Courses That May Count Toward the French Major

Code	Title	Hours
FREN 280	French "Discoveries" of the Americas in Translation <sup>4</sup>	3
FREN 285	Sex, Philosophy, and Politics: Revolutionary Literature in Translation <sup>4</sup>	3
FREN 288	Francophone Caribbean Literature in Translation <sup>4</sup>	3
FREN 305	Healthcare in France and the Francophone World	3
FREN 310	Conversation and Composition II	3
FREN 311	Communication Skills for Cultural Immersion	3
FREN 312	French University Methodology through Literature	3
FREN 315	Imposteur!: Faking and False Identities in French and Francophone Drama and Film	3
FREN 320	Business French	3
FREN 325	Crime and Literature in French and Francophone Contexts	3
FREN 330	Approaches to French and Francophone Studies	3
FREN 350	Current Societal Issues: France and Beyond <sup>3</sup>	3
FREN 353	Francophone Drama and Multimedia Productions <sup>3</sup>	3
FREN 354	Francophone Poetry and Slam <sup>3</sup>	3
FREN 355	Visual Francophone Studies	3
FREN 365	Introduction to Translation	3
FREN 370	French and Francophone Studies to 1789 <sup>2</sup>	3
FREN 372	French and Francophone Studies since 1789 <sup>3</sup>	3
FREN 375	Francophone Literature and Film <sup>3</sup>	3
FREN 376	Identity and Nationhood in Québécois Literature <sup>3</sup>	3
FREN 377	The Evolution of Frenchness since WWII <sup>3</sup>	3
FREN 378	French and European Transmigrations: Global Contexts	3
FREN 379	Special Topics in French and Francophone Studies <sup>4</sup>	3
FREN 383	Franco-Asian Encounters	3
FREN 386	French New Wave Cinema <sup>4</sup>	3
FREN 387	Paris/Versailles: The Court and the City in the 17th Century <sup>2</sup>	3
FREN 388	History of French Cinema I: 1895-1950 <sup>4</sup>	3
FREN 389	History of French Cinema II: 1950 to the Present <sup>4</sup>	3
FREN 390	Special Topics in French and Francophone Studies <sup>1</sup>	3
FREN 395	Research for Advanced French Students	1-3
FREN 403	Advanced Composition	3
FREN 421	Old French <sup>2</sup>	3
FREN 436	Currents in Caribbean Literature <sup>3</sup>	3
FREN 437	Literary and Cultural Theory in France	3



FREN 452	Muslim Women in France and the United States <sup>3</sup>	3
FREN 489	19th-Century Literature and Culture <sup>3</sup>	3
FREN 490	Special Topics in French and Francophone Studies <sup>1</sup>	3
FREN 500	Research Methods in French and European Studies <sup>3</sup>	3
FREN 504	Cultural Wars: French/United States Perspectives <sup>3</sup>	3
FREN 505	African Francophone Cinema <sup>3</sup>	3
FREN 513	20th- and 21st-Century French Literature and Culture <sup>3</sup>	3
FREN 515	Social Networks: Technology and Community in Modern France <sup>3</sup>	3
FREN 522	French Middle Ages <sup>2</sup>	3
FREN 530	Postmodernisms <sup>3</sup>	3
FREN 554	Writing the Mediterranean <sup>2</sup>	3
FREN 555	Crossing Gazes: Multidirectional and Conflicting Memories of Algeria <sup>3</sup>	3
FREN 561	French Renaissance Literature and Culture <sup>2</sup>	3
FREN 562	Poetry of the French Renaissance <sup>2</sup>	3
FREN 563	Studies in the Anglo-French Renaissance <sup>4</sup>	3
FREN 564	History of the French Language <sup>2</sup>	3
FREN 565	French Phonetics and Phonology	3
FREN 566	Structure of Modern French	3
FREN 575	20th- and 21st-Century Francophone Literature and the Visual Arts <sup>3</sup>	3
FREN 576	Francophone Cultural Studies <sup>3</sup>	3
FREN 583	18th-Century French Literature and Culture <sup>2</sup>	3
FREN 585	Libertinism and Sexuality <sup>2</sup>	3
FREN 586	Studies in French Cinema <sup>4</sup>	3
FREN 590	Special Topics in French and Francophone Studies <sup>1</sup>	3
FREN 611	Contemporary Novelists from the French-Speaking World <sup>3</sup>	3
FREN 617	Framing Identities: Franco-Arab Transvisual Transcultural Contexts <sup>3</sup>	3
FREN 670	17th-Century French Literature and Culture <sup>2</sup>	3
FREN 675	Literature and Enlightenment, 17th - 18th Centuries <sup>2</sup>	3
FREN 687	Diaspora and Transculturalism in Québécois Literature <sup>3</sup>	3
FREN 690	Special Topics in French and Francophone Studies <sup>1</sup>	3
FREN 691H	 Honors Thesis in French	3

<sup>1</sup> Special topics and independent study courses may fulfill historical distribution requirements, depending on topic, with approval of the undergraduate advisor in French.

<sup>2</sup> Taught in French *and* focused on French and Francophone contexts up to 1789.

<sup>3</sup> Taught in French *and* focused on French and Francophone contexts since 1789.

<sup>4</sup> Taught in English.

French (FREN) course descriptions (p. 923).









We offer a strong emphasis on European and francophone studies as well as the Languages across the Curriculum Program (LAC) (p. 1163), which allows students to participate in one-hour, one-credit discussion sections in French on an array of courses across the College of Arts and Sciences.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan One

This plan assumes a placement of FREN 105 on the Foreign Language placement test. Student placement (and plans) may vary. Although it is possible to complete the French and Francophone studies major if a student begins with FREN 101, summer school, study abroad, or doubling-up on courses in the final year may be necessary in order to complete it in a timely manner.

		Hours
<b>First Year</b>		
<b>First-Year Foundations Courses</b>		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
or ENGL 105I	or  English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171)		3
Triple-I and Data Literacy (p. 1179)		4
<b>Major Courses</b>		
FREN 105	French for High Beginners	4
FREN 203	 Intermediate French I <sup>H</sup>	3
<b>Hours</b>		<b>18</b>
<b>Sophomore Year</b>		
FREN 204	 Intermediate French II in Context <sup>H</sup>	3
One of: <sup>1</sup>		3
FREN 255	 Conversation I <sup>1, H</sup>	
FREN 260	 Literature and the French-Speaking World <sup>1, H</sup>	
FREN 262	 Cultural and Linguistic Diversity in the French-Speaking World <sup>1</sup>	
<b>Hours</b>		<b>6</b>
<b>Junior Year</b>		
FREN 300	French Composition and Grammar Review <sup>2</sup>	3
FREN ---	French elective course #1 <sup>3, 4</sup>	3
FREN ---	French elective course #2 <sup>3, 4</sup>	3
FREN ---	French elective course #3 <sup>3, 4</sup>	3
<b>Hours</b>		<b>12</b>
<b>Senior Year</b>		
FREN ---	French elective course #4 <sup>3, 4</sup>	3
FREN ---	French elective course #5 <sup>3, 4</sup>	3
FREN ---	French elective course #6 <sup>3, 4</sup>	3

FREN ---	French elective course #7 <sup>3,4</sup>	3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>48</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- <sup>1</sup> Students may not take more than two courses from FREN 255, FREN 260, and FREN 262. If a second course is taken, it may be used as one of the seven electives.
- <sup>2</sup> Students who major or minor in French are highly encouraged to study abroad after completing FREN 300. A variety of programs can be found through the Study Abroad Office and students are encouraged to meet with a Study Abroad advisor to discuss summer, semester, or year-long options and credits.
- <sup>3</sup> Courses above FREN 204, excluding FREN 401, FREN 402, FREN 501, FREN 601, and FREN 692H.
- <sup>4</sup> At least four courses must be taught in French, one of which must focus on French and Francophone contexts up to 1789 and another on French and Francophone contexts since 1789.

### Sample Plan Two

This plan assumes a placement of FREN 203 on the Foreign Language placement test. Student placement (and plans) may vary.

First Year		Hours
<b>First-Year Foundations Courses</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)		3
Triple-I and Data Literacy (p. 1179)		4
<b>Major Courses</b>		
FREN 203	Intermediate French I <sup>H</sup>	3
FREN 204	Intermediate French II in Context <sup>H</sup>	3
<b>Hours</b>		<b>17</b>
<b>Sophomore Year</b>		
One of: <sup>1</sup>		3
FREN 255	Conversation I <sup>1, H</sup>	
FREN 260	Literature and the French-Speaking World <sup>1, H</sup>	
FREN 262	Cultural and Linguistic Diversity in the French-Speaking World <sup>1</sup>	
FREN 300	French Composition and Grammar Review <sup>2</sup>	3
<b>Hours</b>		<b>6</b>
<b>Junior Year</b>		
FREN ---	French elective course #1 <sup>3,4</sup>	3
FREN ---	French elective course #2 <sup>3,4</sup>	3
FREN ---	French elective course #3 <sup>3,4</sup>	3
<b>Hours</b>		<b>9</b>
<b>Senior Year</b>		
FREN ---	French elective course #4 <sup>3,4</sup>	3

FREN ---	French elective course #5 <sup>3,4</sup>	3
FREN ---	French elective course #6 <sup>3,4</sup>	3
FREN ---	French elective course #7 <sup>3,4</sup>	3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>44</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- <sup>1</sup> Students may not take more than two courses from FREN 255, FREN 260, and FREN 262. If a second course is taken, it may be used as one of the seven electives.
- <sup>2</sup> Students who major or minor in French are highly encouraged to study abroad after completing FREN 300. A variety of programs can be found through the Study Abroad Office and students are encouraged to meet with a Study Abroad advisor to discuss summer, semester, or year-long options and credits.
- <sup>3</sup> Courses above FREN 204, excluding FREN 401, FREN 402, FREN 501, FREN 601, and FREN 692H.
- <sup>4</sup> At least four courses must be taught in French, one of which must focus on French and Francophone contexts up to 1789 and another on French and Francophone contexts since 1789.

## Special Opportunities in Romance Studies Undergraduate Research

The Department of Romance Studies offers a gateway for research in the humanities, including the various fields that make up Romance studies. Research activities include the honors thesis, summer research fellowships, or engaging in mentoring projects with professors which lead to opportunities to present papers at conferences or for publication in the University's undergraduate research journal.




Annual Research Opportunities:



- Office for Undergraduate Research (<https://our.unc.edu/>)
- Celebration of Undergraduate Research (<https://our.unc.edu/celebration-of-undergraduate-research/>)
- UNC JOURney (<http://uncjourney.unc.edu/>)
- Summer Undergraduate Research Fellowship (<https://our.unc.edu/surf/>)
- Burch Fellowship (<https://honorscarolina.unc.edu/fellowships/burch-fellowship/>)

### Honors

The departmental honors program is open to any qualified major with a cumulative grade point average of 3.3 or higher and 3.5 or higher in their major courses. Eligible honors candidates will formulate a topic and select an appropriate faculty member to supervise the writing of an honors thesis. Specific coursework for the major with honors consists of enrollment in the honors thesis courses in the language of the major emphasis.

Code	Title	Hours
FREN 691H & FREN 692H	Honors Thesis in French and  Honors Thesis in French	6
ITAL 691H & ITAL 692H	Honors Thesis and  Honors Thesis in Italian	6

PORT 691H  Honors Thesis  
& PORT 692H  and  Honors Thesis in Portuguese

SPAN 691H  Honors Thesis  
& SPAN 692H  and  Honors Thesis in Spanish

6 including games and conversation hours. They may also wish to join the undergraduate Italian Club.

6 Students who wish to practice Portuguese can meet weekly for the bate-papo (chat). Students of Portuguese also engage in editorial work and publish in the student journal *Revistinha*.

691H is taken in the fall semester of the senior year and 692H is taken in the spring semester. FREN 390, ITAL 398, PORT 398, SPAN 397 and SPAN 398 may be substituted for the 691H research course if the subject of the seminar is central to the research project chosen. In the 692H course, the thesis will be completed and the student will participate in an oral defense with the thesis director and two additional readers, to be agreed upon by the student and director. The thesis director, in consultation with the readers, will recommend that the student who has defended the thesis graduate with honors, highest honors, or with course credit. FREN 390, FREN 691H, ITAL 398, ITAL 691H, PORT 398, SPAN 397 and SPAN 398 may count toward the eight courses for the major, but FREN 692H, ITAL 692H, PORT 692H, and SPAN 692H may not. Students who intend to graduate in December should adjust the scheduling of these courses in order to allow for completion of the honors project in December. Students meeting the required grade point averages should contact the undergraduate advisor for their language. For detailed information on the B.A. with honors, visit the department's website (<http://romancestudies.unc.edu/undergraduate/overview/>).

## Collaborative Online International Learning

The department works in partnership with the COIL program and offers select courses that involve shared learning between students in a course at UNC–Chapel Hill and peer students at a global partner university. Faculty members at both institutions design collaborative activities for their students, such as completing small group projects, engaging in dialogue drawing on their different societal or disciplinary perspectives, or exchanging scholarly or creative work.

## Out-of-Class Language Experience

The department offers credit-bearing internship opportunities through ROML 293 and service-learning opportunities (<http://ccps.unc.edu/apples/>) through ROML 194. Both courses satisfy the High-Impact General Education requirement (in the IDEAs in Action curriculum) and the experiential education (EE) General Education requirement (in the Making Connections curriculum). While ROML 293 is a standalone course, ROML 194 is always connected to a specific course.

Each semester the department offers a film series where all students are invited to attend screenings of films in French, Italian, Portuguese, and Spanish. All films have subtitles. It is a great opportunity to meet people in different courses and language sections that share an interest in film.

Students also find opportunities to speak Spanish and meet native Spanish speakers in an informal weekly tertulia (gathering). Additional activities involving Spanish include attending lectures, receptions, and films organized by the department and student organizations such as CHispA (Carolina Hispanic Association); and serving the community through a variety of volunteer opportunities.

Students studying French are encouraged to become members of the French club, les Francophiles, and participate in the weekly conversation hour and other French Club activities. Departmental lectures and film series are also offered.

Students interested in Italian language and culture may attend film series, guest lectures, and a series of other extracurricular events

## Study Abroad

The Study Abroad Office sponsors many year-long, semester-long, and summer programs appropriate for students of the Romance languages and has special arrangements with the Department of Romance Studies for the UNC in Montpellier, UNC in Seville, and Florence programs. Students from UNC–Chapel Hill and from other institutions may earn up to 30 semester hours of undergraduate credit in these programs, which are open to qualified undergraduates regardless of academic major. While, in general, students may satisfy up to 50 percent of major or minor coursework abroad, courses that are taught by Romance studies faculty may count differently. For example, students completing the Spanish minor for the professions in health and business may complete all or most of the minor in faculty-led programs abroad.

Students who participate in Study Abroad during the semester have the opportunity to work as course correspondents for a course in Romance studies. Course correspondents report back to the class they serve throughout the semester via online tools and may receive one hour of credit for their informative work.

General inquiries concerning any of these programs should be addressed to the Study Abroad Office, CB# 3130, FedEx Global Education Center, (919) 962-7002.

## Undergraduate Awards

### French

Students have the opportunity to be inducted into Pi Delta Phi, the national French honor society. Those with outstanding records in French are recommended as candidates for the Jacques Hardré Award, which is given to the best graduating senior in French; it includes a cash award.

### Italian

Students are nominated for membership in Gamma Kappa Alpha, the Italian honor society, by undergraduate instructors. The society recognizes “outstanding scholastic performance in the fields of Italian language and literature” and encourages students “to acquire a greater interest in, and a deeper understanding of, Italian culture.” The Kimberly Kyser Award for Excellence in Italian is awarded to the most outstanding student in Italian and includes a cash prize.

### Portuguese

Each year the department awards the Camões Prize to the outstanding student in Portuguese during that year. The prize carries a monetary award made possible by a donation from the Gulbenkian Foundation.

### Spanish

Students have the opportunity to be inducted into Sigma Delta Pi, the national Spanish honor society. Those with outstanding performance in the Hispanic literatures and cultures or the Hispanic linguistics majors are eligible for several prizes including the Chancellor's Award, given to the top graduating senior, the Stoudemire Awards, and the Larry D. King Fellowship.

## Department Programs

### Majors

- Romance Languages Major, B.A. –French and Francophone Studies (p. 951)
- Romance Languages Major, B.A. –Italian (p. 956)
- Romance Languages Major, B.A. –Portuguese (p. 959)
- Romance Languages Major, B.A. –Hispanic Studies (p. 962)
- Romance Languages Major, B.A. –Hispanic Linguistics (p. 966)

#### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)
- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

#### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

#### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

#### Undergraduate Advisor and Study Abroad

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#### Director of Undergraduate Studies

Amy Chambless  
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## Romance Languages Major, B.A. – Italian

UNC–Chapel Hill has a rich tradition of Italian studies, including courses that develop linguistic proficiency and many others dedicated to studies of literature, film, food, environmental humanities, politics, history, philosophy, and theater. Many students study abroad and increasingly seek opportunities for research and internship projects with an Italian focus.

This concentration is a popular choice for those interested in global studies or careers in journalism, diplomacy, international business or education, or for those seeking a well-rounded education in preparation for medical or law school. Many students who graduate from this program will also pursue graduate school in this or a related field.

## Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading. Upon completion of the program in Romance languages, students should be able to:

- Participate in conversations on concrete, social, academic, and professional topics
- Speak in detail about experiences and events in a variety of time frames and moods
- Represent points of view in discussions, both oral and written
- Deliver well-organized presentations on concrete, academic and professional topics
- Write on a wide variety of general interest, professional, and academic topics
- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics
- Understand and discuss texts representing a variety of topics and genres


## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

A prerequisite for entering the program is knowledge of the Italian language, demonstrated by successfully completing ITAL 204 or ITAL 402 or the equivalent.

Code	Title	Hours
<b>Core Requirements</b>		
ITAL 300	 Communicating in Italian: Media, Culture, and Society	3
Seven additional ITAL courses excluding ITAL 101, ITAL 102, ITAL 203, ITAL 204, ITAL 401, ITAL 402 and ITAL 692H. <sup>1</sup>		21
<b>Total Hours</b>		<b>24</b>

<sup>1</sup> Courses taught in English may involve some extra writing in Italian, appropriate to the student's level of Italian at the time of the course and to be worked out with the individual instructor.

With the approval of the undergraduate advisor in Italian, three of the seven elective courses may be substituted with courses in such allied

fields as art history, classics, history, geography, music, political science, global studies, or any field in which the course(s) include(s) discussion of any aspect of Italian history, politics or culture.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year		Hours
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)		3
Triple-I and Data Literacy (p. 1179)		4
<b>Major Courses</b>		
ITAL 101	Elementary Italian I	3
ITAL 102	Elementary Italian II	3
<b>Hours</b>		<b>17</b>
<b>Sophomore Year</b>		
ITAL 203	Intermediate Italian I	3
ITAL 204	Intermediate Italian II	3
<b>Hours</b>		<b>6</b>
<b>Junior Year</b>		
ITAL 300	Communicating in Italian: Media, Culture, and Society	3
ITAL --	Italian elective course #1	3
ITAL --	Italian elective course #2	3
ITAL --	Italian elective course #3	3
<b>Hours</b>		<b>12</b>
<b>Senior Year</b>		
ITAL --	Italian elective course #4	3
ITAL --	Italian elective course #5	3
ITAL --	Italian elective course #6	3
ITAL --	Italian elective course #7	3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>47</b>

## Special Opportunities in Romance Studies Undergraduate Research

The Department of Romance Studies offers a gateway for research in the humanities, including the various fields that make up Romance studies. Research activities include the honors thesis, summer research fellowships, or engaging in mentoring projects with professors which lead

to opportunities to present papers at conferences or for publication in the University's undergraduate research journal.

Annual Research Opportunities:

- Office for Undergraduate Research (<https://our.unc.edu/>)
- Celebration of Undergraduate Research (<https://our.unc.edu/celebration-of-undergraduate-research/>)
- UNC JOURney (<http://uncjourney.unc.edu/>)
- Summer Undergraduate Research Fellowship (<https://our.unc.edu/surf/>)
- Burch Fellowship (<https://honorscarolina.unc.edu/fellowships/burch-fellowship/>)

## Honors

The departmental honors program is open to any qualified major with a cumulative grade point average of 3.3 or higher and 3.5 or higher in their major courses. Eligible honors candidates will formulate a topic and select an appropriate faculty member to supervise the writing of an honors thesis. Specific coursework for the major with honors consists of enrollment in the honors thesis courses in the language of the major emphasis.

Code	Title	Hours
FREN 691H & FREN 692H	Honors Thesis in French and Honors Thesis in French	6
ITAL 691H & ITAL 692H	Honors Thesis and Honors Thesis in Italian	6
PORT 691H & PORT 692H	Honors Thesis and Honors Thesis in Portuguese	6
SPAN 691H & SPAN 692H	Honors Thesis and Honors Thesis in Spanish	6

691H is taken in the fall semester of the senior year and 692H is taken in the spring semester. FREN 390, ITAL 398, PORT 398, SPAN 397 and SPAN 398 may be substituted for the 691H research course if the subject of the seminar is central to the research project chosen. In the 692H course, the thesis will be completed and the student will participate in an oral defense with the thesis director and two additional readers, to be agreed upon by the student and director. The thesis director, in consultation with the readers, will recommend that the student who has defended the thesis graduate with honors, highest honors, or with course credit. FREN 390, FREN 691H, ITAL 398, ITAL 691H, PORT 398, SPAN 397 and SPAN 398 may count toward the eight courses for the major, but FREN 692H, ITAL 692H, PORT 692H, and SPAN 692H may not. Students who intend to graduate in December should adjust the scheduling of these courses in order to allow for completion of the honors project in December. Students meeting the required grade point averages should contact the undergraduate advisor for their language. For detailed information on the B.A. with honors, visit the department's website (<http://romancestudies.unc.edu/undergraduate/overview/>).

## Collaborative Online International Learning

The department works in partnership with the COIL program and offers select courses that involve shared learning between students in a course at UNC–Chapel Hill and peer students at a global partner university. Faculty members at both institutions design collaborative activities for their students, such as completing small group projects, engaging in

dialogue drawing on their different societal or disciplinary perspectives, or exchanging scholarly or creative work.

## Out-of-Class Language Experience

The department offers credit-bearing internship opportunities through ROML 293 and service-learning opportunities (<http://ccps.unc.edu/apples/>) through ROML 194. Both courses satisfy the High-Impact General Education requirement (in the IDEAs in Action curriculum) and the experiential education (EE) General Education requirement (in the Making Connections curriculum). While ROML 293 is a standalone course, ROML 194 is always connected to a specific course.

Each semester the department offers a film series where all students are invited to attend screenings of films in French, Italian, Portuguese, and Spanish. All films have subtitles. It is a great opportunity to meet people in different courses and language sections that share an interest in film.

Students also find opportunities to speak Spanish and meet native Spanish speakers in an informal weekly tertulia (gathering). Additional activities involving Spanish include attending lectures, receptions, and films organized by the department and student organizations such as CHispa (Carolina Hispanic Association); and serving the community through a variety of volunteer opportunities.

Students studying French are encouraged to become members of the French club, les Francophiles, and participate in the weekly conversation hour and other French Club activities. Departmental lectures and film series are also offered.

Students interested in Italian language and culture may attend film series, guest lectures, and a series of other extracurricular events including games and conversation hours. They may also wish to join the undergraduate Italian Club.

Students who wish to practice Portuguese can meet weekly for the bate-papo (chat). Students of Portuguese also engage in editorial work and publish in the student journal *Revistinha*.

## Study Abroad

The Study Abroad Office sponsors many year-long, semester-long, and summer programs appropriate for students of the Romance languages and has special arrangements with the Department of Romance Studies for the UNC in Montpellier, UNC in Seville, and Florence programs. Students from UNC–Chapel Hill and from other institutions may earn up to 30 semester hours of undergraduate credit in these programs, which are open to qualified undergraduates regardless of academic major. While, in general, students may satisfy up to 50 percent of major or minor coursework abroad, courses that are taught by Romance studies faculty may count differently. For example, students completing the Spanish minor for the professions in health and business may complete all or most of the minor in faculty-led programs abroad.

Students who participate in Study Abroad during the semester have the opportunity to work as course correspondents for a course in Romance studies. Course correspondents report back to the class they serve throughout the semester via online tools and may receive one hour of credit for their informative work.

General inquiries concerning any of these programs should be addressed to the Study Abroad Office, CB# 3130, FedEx Global Education Center, (919) 962-7002.

## Undergraduate Awards

### French

Students have the opportunity to be inducted into Pi Delta Phi, the national French honor society. Those with outstanding records in French are recommended as candidates for the Jacques Hardré Award, which is given to the best graduating senior in French; it includes a cash award.

### Italian

Students are nominated for membership in Gamma Kappa Alpha, the Italian honor society, by undergraduate instructors. The society recognizes “outstanding scholastic performance in the fields of Italian language and literature” and encourages students “to acquire a greater interest in, and a deeper understanding of, Italian culture.” The Kimberly Kyser Award for Excellence in Italian is awarded to the most outstanding student in Italian and includes a cash prize.

### Portuguese

Each year the department awards the Camões Prize to the outstanding student in Portuguese during that year. The prize carries a monetary award made possible by a donation from the Gulbenkian Foundation.

### Spanish

Students have the opportunity to be inducted into Sigma Delta Pi, the national Spanish honor society. Those with outstanding performance in the Hispanic literatures and cultures or the Hispanic linguistics majors are eligible for several prizes including the Chancellor’s Award, given to the top graduating senior, the Stoudemire Awards, and the Larry D. King Fellowship.

## Department Programs

### Majors

- Romance Languages Major, B.A. –French and Francophone Studies (p. 951)
- Romance Languages Major, B.A. –Italian (p. 956)
- Romance Languages Major, B.A. –Portuguese (p. 959)
- Romance Languages Major, B.A. –Hispanic Studies (p. 962)
- Romance Languages Major, B.A. –Hispanic Linguistics (p. 966)

### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)
- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

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Amy Chambless  
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**Chair**

Ellen Welch  
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**Director of Undergraduate Studies**

Amy Chambless  
 achamble@email.unc.edu

## Romance Languages Major, B.A. – Portuguese

Portuguese is the seventh most spoken language in the world, with over 250 million speakers. It is the language of Portugal, Brazil, and parts of Africa and Asia. Brazil, with a population of 185 million, is the largest country in South America and has the ninth largest economy in the world.

The program in Portuguese combines the study of the language, culture, and literatures of Brazil and Portugal. Emphasis is placed on the language as it is currently spoken and its historical development. Students study the literatures of Brazil and Portugal in terms of their historical development and analyze specific texts from different genres and literary periods. Students interested in Portuguese should consult the Portuguese language advisor.

Portuguese as a second language would open multiple job opportunities in various countries with expanding economies and a promising future. It would also provide a vehicle to the rich cultural traditions of Portugal, Brazil, and the Lusophone nations of Africa and Asia, including literature, art, and music.

### Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading. Upon completion of the program in Romance languages, students should be able to:








- Participate in conversations on concrete, social, academic, and professional topics
- Speak in detail about experiences and events in a variety of time frames and moods
- Represent points of view in discussions, both oral and written
- Deliver well-organized presentations on concrete, academic and professional topics
- Write on a wide variety of general interest, professional, and academic topics
- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics
- Understand and discuss texts representing a variety of topics and genres

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Eight courses chosen from among the following:		24
PORT 296	Course Correspondent Project in Portuguese	
PORT 310	 Advanced Communication in Portuguese: Media & Entertainment	
PORT 316	 Brazilian Performance in Music and Dance: Capoeira <sup>1</sup>	
PORT 323	 Advanced Communication in Portuguese: History, Nature, and Society	
PORT 370	 Modern Brazil through Literature and Film in Translation <sup>1</sup>	
PORT 375	 Portuguese and Brazilian Fiction in Translation <sup>1</sup>	
PORT 382	Women Writers: Brazil and Beyond <sup>1</sup>	
PORT 385	Verbal Art, Identities, and Nation in Portuguese-Speaking Africa <sup>1</sup>	
PORT 387	Brazilian Religious Movements through Film and Literature <sup>1</sup>	
PORT 388	 Portuguese, Brazilian, and African Identity in Film <sup>1</sup>	
PORT 396	Independent Study in Portuguese	
PORT 398	Undergraduate Seminar in Portuguese	
PORT 408	LAC Recitation <sup>2</sup>	
PORT 420	Portuguese Language and Culture for the Professions	
PORT 501	Survey of Portuguese Literature I	
PORT 526	History of the Portuguese Language	
PORT 535	Brazilian Drama	
PORT 540	Cultural Topics from the Lusophone World	
PORT 691H	 Honors Thesis	
<b>Total Hours</b>		<b>24</b>

<sup>1</sup> Taught in English, available for credit for major/minor in Portuguese only if readings and written work are done in Portuguese.

<sup>2</sup> This is a one-credit hour, once-a-week course. Students may repeat for credit since this is a rotating topics course.

With the approval of the undergraduate advisor for Portuguese, students majoring in Romance languages with an emphasis in Portuguese may

count up to nine hours in related areas in such departments, programs, and curricula as history, art, music, cultural studies, and women's and gender studies.

Because few entering students have completed coursework in Portuguese prior to enrolling in the University, it is essential that interested students start the language as early as the first year. Completion of PORT 204 or PORT 402 is considered a prerequisite for the major.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year		Hours
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)		3
Triple-I and Data Literacy (p. 1179)		4
<b>Major Courses</b>		
PORT 101	Elementary Portuguese I	3
PORT 102	Elementary Portuguese II	3
<b>Hours</b>		<b>17</b>
<b>Sophomore Year</b>		
PORT 203	Intermediate Portuguese I	3
PORT 204	Intermediate Portuguese II	3
<b>Hours</b>		<b>6</b>
<b>Junior Year</b>		
PORT ---	Portuguese major course #1 <sup>1</sup>	3
PORT ---	Portuguese major course #2 <sup>1</sup>	3
PORT ---	Portuguese major course #3 <sup>1</sup>	3
PORT ---	Portuguese major course #4 <sup>1</sup>	3
<b>Hours</b>		<b>12</b>
<b>Senior Year</b>		
PORT ---	Portuguese major course #5 <sup>1</sup>	3
PORT ---	Portuguese major course #6 <sup>1</sup>	3
PORT ---	Portuguese major course #7 <sup>1</sup>	3
PORT ---	Portuguese major course #8 <sup>1</sup>	3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>47</b>

<sup>1</sup> Selected from PORT 310 and above (see requirements for specific course list).

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PORT 691H & PORT 692H	Honors Thesis and  Honors Thesis in Portuguese	6
SPAN 691H & SPAN 692H	Honors Thesis and  Honors Thesis in Spanish	6

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## Department Programs

### Majors

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- Romance Languages Major, B.A. –Hispanic Studies (p. 962)
- Romance Languages Major, B.A. –Hispanic Linguistics (p. 966)

### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)
- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)

238 Dey Hall, CB# 3170

(919) 962-2062

### Undergraduate Advisor and Director of Portuguese Language Instruction

Richard Vernon

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### Director of Undergraduate Studies

Amy Chambless

[achamble@email.unc.edu](mailto:achamble@email.unc.edu)

## Romance Languages Major, B.A. – Hispanic Studies

Spanish, the world's third largest language and second in terms of native speakers, is spoken by nearly 500 million people across the globe. The over 50 million Hispanics in the United States have become the fastest-growing social and political segment in North America. Because of its prominence, learning to communicate in Spanish can be essential for those entering the global economic market and numerous professions.

Spanish studies at UNC–Chapel Hill thrives on innovative literary, linguistic, and theoretical approaches to the Spanish-speaking world, and includes the study of indigenous, Afro-descendant, Asian, and other cultures. The Hispanic studies curriculum is designed to allow students to concentrate in one field of study (Hispanic literatures and cultures) and one of three professions (linguistics and translation and interpretation) while also exploring other areas of interest. As a result, students obtain well-grounded and comprehensive critical knowledge of the literatures, languages, and cultures of Spain and the Americas, as well as an appreciation of the language applied to a professional field. In addition to their course work, students in the major may choose to work on collaborative research, enter an Honors contract, and/or pursue an Honors thesis with one of our faculty members.

## Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading. Upon completion of the program in Romance languages, students should be able to:

- Participate in conversations on concrete, social, academic, and professional topics
- Speak in detail about experiences and events in a variety of time frames and moods
- Represent points of view in discussions, both oral and written



- Deliver well-organized presentations on concrete, academic and professional topics
- Write on a wide variety of general interest, professional, and academic topics
- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics
- Understand and discuss texts representing a variety of topics and genres

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
SPAN 300	Grammar and Structure of Spanish <sup>1, H</sup>	3
or SPAN 301	 Introduction to Literary and Cultural Analysis	
or SPAN 302	 Literary and Cultural Analysis for Heritage Learners	
Three courses from one of the following concentrations (see course lists below):		9
Hispanic Literatures and Cultures		
Professions		
Translation and Interpretation		
Hispanic Linguistics		
Four elective courses numbered SPAN 330 or higher (except SPAN 401-SPAN 402, SPAN 404-405, SPAN 414-SPAN 417, SPAN 601, and SPAN 691H-692H)		12
<b>Total Hours</b>		<b>24</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.



<sup>1</sup> SPAN 300 is the recommended core course for the Hispanic Linguistics concentration since it is a prerequisite for many Hispanic Linguistics courses. SPAN 301 or SPAN 302 is the recommended core course for the Hispanic Literatures and Cultures concentration since it is a prerequisite for upper-level literature courses.

Completion of SPAN 261 or SPAN 267 is considered a prerequisite for the Hispanic Studies major.


Students majoring in Hispanic Studies with a concentration in an area OTHER than Translation and Interpreting may wish to complement their major with the Spanish minor in Translation and Interpreting (<https://catalog.unc.edu/undergraduate/programs-study/translation-minor/>) by completing at least three of SPAN 351, 352, 369, and 370 in addition

to the major requirements. Students majoring in Hispanic Studies with a concentration in an area OTHER than Spanish for the Professions may wish to complement their major with the Spanish minor for the Professions (<https://catalog.unc.edu/undergraduate/programs-study/spanish-professions-minor/>) by completing SPAN 320 and 325 or SPAN 323 and 324 or SPAN 321 and 328, and SPAN 329 in addition to the major requirements.

## Hispanic Literatures and Cultures

Code	Title	Hours
One course from the following list:		3
SPAN 338	 Trans-Atlantic Cultural Topics	
SPAN 340	Iberian Cultural Topics	
SPAN 344	Latin@ American Cultural Topics	
SPAN 371	Studies in Spanish Literature	3
SPAN 373	 Studies in Latin American Literature	3
<b>Total Hours</b>		<b>9</b>




## Professions

Code	Title	Hours
Two courses from one of the following pairs:		6
SPAN 320 & SPAN 325	Spanish for Business (First Semester) and Spanish for Business (Second Semester)	
SPAN 321 & SPAN 328	Spanish for the Medical Professions (First Semester) and Spanish for the Medical Professions (Second Semester)	
SPAN 323 & SPAN 324	Spanish for the Legal Professions (First Semester) and Spanish for the Legal Professions (Second Semester)	
SPAN 329	 Spanish for Professional and Community Engagement	3
<b>Total Hours</b>		<b>9</b>

## Translation and Interpretation

Code	Title	Hours
Three courses from the following list:		9
SPAN 351	Spanish Interpretation I	
SPAN 352	Spanish Interpretation II	
SPAN 369	Introduction to Translation	
SPAN 370	Spanish Translation II	
<b>Total Hours</b>		<b>9</b>

## Hispanic Linguistics









Code	Title	Hours
SPAN 360	 Introduction to Hispanic Linguistics	3
SPAN 376	 Spanish Phonetics and Phonology	3
One course from the following list:		3
SPAN 375	Spanish of the United States	
SPAN 378	 Afro-Hispanic Language Contacts	
SPAN 397	Undergraduate Seminar in Language and Linguistics	
<b>Total Hours</b>		<b>9</b>

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan One

This plan assumes a placement of SPAN 105 on the Foreign Language placement test. Student placement (and plans) may vary. Although it is possible to complete the Hispanic Studies major if a student begins with SPAN 101, summer school, study abroad, or doubling up on courses in the final year may be necessary in order to complete it in a timely manner.

First Year		Hours
<b>First-Year Foundation Courses</b>		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
or ENGL 105I	or  English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171)		3
Triple-I and Data Literacy (p. 1179)		4
<b>Major Courses</b>		
SPAN 105	Spanish for High Beginners	4
SPAN 203	 Intermediate Spanish I <sup>H</sup>	3
<b>Hours</b>		<b>18</b>
<b>Sophomore Year</b>		
SPAN 204	Intermediate Spanish II <sup>H</sup>	3
SPAN 261	 Advanced Spanish in Context <sup>H</sup>	3
or SPAN 267	or  Advanced Spanish in Context for Heritage Learners	
<b>Hours</b>		<b>6</b>
<b>Junior Year</b>		
SPAN 300	Grammar and Structure of Spanish <sup>H</sup>	3
or SPAN 301	or  Introduction to Literary and Cultural Analysis	
or SPAN 302	or  Literary and Cultural Analysis for Heritage Learners	
SPAN ---	Concentration course #1	3
SPAN ---	Concentration course #2	3
SPAN ---	Elective course #1	3
<b>Hours</b>		<b>12</b>
<b>Senior Year</b>		
SPAN ---	Concentration course #3	3
SPAN ---	Elective course #2	3
SPAN ---	Elective course #3	3
SPAN ---	Elective course #4	3
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>48</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Sample Plan Two

This plan assumes a placement of SPAN 203 on the Foreign Language placement test. Student placement (and plans) may vary.

First Year		Hours
<b>First-Year Foundation Courses</b>		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
or ENGL 105I	English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171)		3
Triple-I and Data Literacy (p. 1179)		4
<b>Major Courses</b>		
SPAN 203	Intermediate Spanish I <sup>H</sup>	3
SPAN 204	Intermediate Spanish II <sup>H</sup>	3
<b>Hours</b>		<b>17</b>
<b>Sophomore Year</b>		
SPAN 261	Advanced Spanish in Context <sup>H</sup>	3
or SPAN 267	Advanced Spanish in Context for Heritage Learners	
SPAN 300	Grammar and Structure of Spanish <sup>H</sup>	3
or SPAN 301	Introduction to Literary and Cultural Analysis	
or SPAN 302	Literary and Cultural Analysis for Heritage Learners	
<b>Hours</b>		<b>6</b>
<b>Junior Year</b>		
SPAN ---	Concentration course #1	3
SPAN ---	Concentration course #2	3
SPAN ---	Elective course #1	3
SPAN ---	Elective course #2	3
<b>Hours</b>		<b>12</b>
<b>Senior Year</b>		
SPAN ---	Concentration course #3	3
SPAN ---	Elective course #3	3
SPAN ---	Elective course #4	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>44</b>

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### Special Opportunities in Romance Studies Undergraduate Research

The Department of Romance Studies offers a gateway for research in the humanities, including the various fields that make up Romance studies. Research activities include the honors thesis, summer research fellowships, or engaging in mentoring projects with professors which lead

to opportunities to present papers at conferences or for publication in the University's undergraduate research journal.

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- Office for Undergraduate Research (<https://our.unc.edu/>)
- Celebration of Undergraduate Research (<https://our.unc.edu/celebration-of-undergraduate-research/>)
- UNC JOURney (<http://uncjourney.unc.edu/>)
- Summer Undergraduate Research Fellowship (<https://our.unc.edu/surf/>)
- Burch Fellowship (<https://honorscarolina.unc.edu/fellowships/burch-fellowship/>)

### Honors

The departmental honors program is open to any qualified major with a cumulative grade point average of 3.3 or higher and 3.5 or higher in their major courses. Eligible honors candidates will formulate a topic and select an appropriate faculty member to supervise the writing of an honors thesis. Specific coursework for the major with honors consists of enrollment in the honors thesis courses in the language of the major emphasis.

Code	Title	Hours
FREN 691H & FREN 692H	Honors Thesis in French and Honors Thesis in French	6
ITAL 691H & ITAL 692H	Honors Thesis and Honors Thesis in Italian	6
PORT 691H & PORT 692H	Honors Thesis and Honors Thesis in Portuguese	6
SPAN 691H & SPAN 692H	Honors Thesis and Honors Thesis in Spanish	6

691H is taken in the fall semester of the senior year and 692H is taken in the spring semester. FREN 390, ITAL 398, PORT 398, SPAN 397 and SPAN 398 may be substituted for the 691H research course if the subject of the seminar is central to the research project chosen. In the 692H course, the thesis will be completed and the student will participate in an oral defense with the thesis director and two additional readers, to be agreed upon by the student and director. The thesis director, in consultation with the readers, will recommend that the student who has defended the thesis graduate with honors, highest honors, or with course credit. FREN 390, FREN 691H, ITAL 398, ITAL 691H, PORT 398, SPAN 397 and SPAN 398 may count toward the eight courses for the major, but FREN 692H, ITAL 692H, PORT 692H, and SPAN 692H may not. Students who intend to graduate in December should adjust the scheduling of these courses in order to allow for completion of the honors project in December. Students meeting the required grade point averages should contact the undergraduate advisor for their language. For detailed information on the B.A. with honors, visit the department's website (<http://romancestudies.unc.edu/undergraduate/overview/>).

### Collaborative Online International Learning

The department works in partnership with the COIL program and offers select courses that involve shared learning between students in a course at UNC-Chapel Hill and peer students at a global partner university. Faculty members at both institutions design collaborative activities for their students, such as completing small group projects, engaging in

dialogue drawing on their different societal or disciplinary perspectives, or exchanging scholarly or creative work.

## Out-of-Class Language Experience

The department offers credit-bearing internship opportunities through ROML 293 and service-learning opportunities (<http://ccps.unc.edu/apples/>) through ROML 194. Both courses satisfy the High-Impact General Education requirement (in the IDEAs in Action curriculum) and the experiential education (EE) General Education requirement (in the Making Connections curriculum). While ROML 293 is a standalone course, ROML 194 is always connected to a specific course.

Each semester the department offers a film series where all students are invited to attend screenings of films in French, Italian, Portuguese, and Spanish. All films have subtitles. It is a great opportunity to meet people in different courses and language sections that share an interest in film.

Students also find opportunities to speak Spanish and meet native Spanish speakers in an informal weekly tertulia (gathering). Additional activities involving Spanish include attending lectures, receptions, and films organized by the department and student organizations such as CHispa (Carolina Hispanic Association); and serving the community through a variety of volunteer opportunities.

Students studying French are encouraged to become members of the French club, les Francophiles, and participate in the weekly conversation hour and other French Club activities. Departmental lectures and film series are also offered.

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Students who wish to practice Portuguese can meet weekly for the bate-papo (chat). Students of Portuguese also engage in editorial work and publish in the student journal *Revistinha*.

## Study Abroad

The Study Abroad Office sponsors many year-long, semester-long, and summer programs appropriate for students of the Romance languages and has special arrangements with the Department of Romance Studies for the UNC in Montpellier, UNC in Seville, and Florence programs. Students from UNC–Chapel Hill and from other institutions may earn up to 30 semester hours of undergraduate credit in these programs, which are open to qualified undergraduates regardless of academic major. While, in general, students may satisfy up to 50 percent of major or minor coursework abroad, courses that are taught by Romance studies faculty may count differently. For example, students completing the Spanish minor for the professions in health and business may complete all or most of the minor in faculty-led programs abroad.

Students who participate in Study Abroad during the semester have the opportunity to work as course correspondents for a course in Romance studies. Course correspondents report back to the class they serve throughout the semester via online tools and may receive one hour of credit for their informative work.

General inquiries concerning any of these programs should be addressed to the Study Abroad Office, CB# 3130, FedEx Global Education Center, (919) 962-7002.

## Undergraduate Awards

### French

Students have the opportunity to be inducted into Pi Delta Phi, the national French honor society. Those with outstanding records in French are recommended as candidates for the Jacques Hardré Award, which is given to the best graduating senior in French; it includes a cash award.

### Italian

Students are nominated for membership in Gamma Kappa Alpha, the Italian honor society, by undergraduate instructors. The society recognizes “outstanding scholastic performance in the fields of Italian language and literature” and encourages students “to acquire a greater interest in, and a deeper understanding of, Italian culture.” The Kimberly Kyser Award for Excellence in Italian is awarded to the most outstanding student in Italian and includes a cash prize.

### Portuguese

Each year the department awards the Camões Prize to the outstanding student in Portuguese during that year. The prize carries a monetary award made possible by a donation from the Gulbenkian Foundation.

### Spanish

Students have the opportunity to be inducted into Sigma Delta Pi, the national Spanish honor society. Those with outstanding performance in the Hispanic literatures and cultures or the Hispanic linguistics majors are eligible for several prizes including the Chancellor’s Award, given to the top graduating senior, the Stoudemire Awards, and the Larry D. King Fellowship.

## Department Programs

### Majors

- Romance Languages Major, B.A.—French and Francophone Studies (p. 951)
- Romance Languages Major, B.A.—Italian (p. 956)
- Romance Languages Major, B.A.—Portuguese (p. 959)
- Romance Languages Major, B.A.—Hispanic Studies (p. 962)
- Romance Languages Major, B.A.—Hispanic Linguistics (p. 966)

### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)
- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

**Undergraduate Advisor for Hispanic Literatures and Cultures Major and Hispanic Studies Minor**

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**Chair**

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**Director of Undergraduate Studies**

Amy Chambless  
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## Romance Languages Major, B.A. – Hispanic Linguistics

Spanish, the world's third largest language and second in terms of native speakers, is spoken by nearly 500 million people across the globe. The over 50 million Hispanics in the United States have become the fastest-growing social and political segment in North America. Because of its prominence, learning to communicate in Spanish can be essential for those entering the global economic market and numerous professions.

Spanish studies at UNC–Chapel Hill thrives on innovative literary, linguistic, and theoretical approaches to the Spanish-speaking world, and includes the study of indigenous, Afro-descendant, Asian, and other cultures. Students obtain well-grounded and comprehensive critical knowledge of the literatures, languages, and cultures of Spain and the Americas, often through collaborative research with a faculty member. Qualifying students have the opportunity to pursue an honor's thesis with one of our faculty members.

### Student Learning Outcomes

Students will acquire competence in the practice and analysis of Romance languages together with a critical knowledge of the written, oral, and visual traditions of their origin and diaspora. Our faculty promotes interdisciplinary connections and incorporates the study of literature, culture, theory, and history across the curriculum. Through coursework that emphasizes language acquisition, rhetoric, composition, and written and oral expression, our majors receive sustained personalized training in critical thinking and close reading. Upon completion of the program in Romance languages, students should be able to:




- Participate in conversations on concrete, social, academic, and professional topics
- Speak in detail about experiences and events in a variety of time frames and moods
- Represent points of view in discussions, both oral and written
- Deliver well-organized presentations on concrete, academic and professional topics
- Write on a wide variety of general interest, professional, and academic topics
- Follow narrative, informational, and descriptive speech on concrete, academic and professional topics
- Understand and discuss texts representing a variety of topics and genres

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
SPAN 300	Grammar and Structure of Spanish <sup>H</sup>	3
Two introductory Hispanic linguistics courses:		6
SPAN/LING 360	 Introduction to Hispanic Linguistics <sup>1</sup>	
SPAN/LING 376	 Spanish Phonetics and Phonology	
One course in a language relevant to Spanish chosen from:		3
PORT 401	Beginning Accelerated Brazilian Portuguese I	
SPAN 414	Languages of Spain I	
SPAN 416	Languages of the Americas I	
ROML 461	Romanian I	
Four additional courses chosen from the following: <sup>2</sup>		12
PORT 402	Intermediate Accelerated Brazilian Portuguese II	
SPAN 375	Spanish of the United States	
SPAN 378	 Afro-Hispanic Language Contacts	
SPAN 397	Undergraduate Seminar in Language and Linguistics	
SPAN 415	Languages of Spain II	
SPAN 417	Languages of the Americas II	
ROML 462	Romanian II	
ROML 578	Comparative History of the Romance Languages	
SPAN 621	Literary and Cultural History of the Spanish Language	
SPAN 676	Advanced Spanish Phonology	
SPAN 677	Spanish Syntax	
SPAN 678	History of the Spanish Language	
SPAN 679	Spanish Pragmatics	
SPAN 680	First- and Second-Language Acquisition of Spanish	
SPAN 681	Spanish Semantics	
SPAN 682	Spanish Sociolinguistics	
SPAN 683	Guaraní Linguistics	
SPAN 684	Spanish Dialectology and Variation	
<b>Total Hours</b>		<b>24</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> SPAN 360 should be taken as early as possible because it is a prerequisite for most other courses in the major.

<sup>2</sup> Two of which must be from the 500-level or above. Only one of PORT 402, SPAN 415, and SPAN 417 can be taken to satisfy this requirement of four additional courses.

The requirements consist of eight courses between SPAN 300 and SPAN 699. Completion of SPAN 261 or SPAN 267 is a prerequisite for the Hispanic linguistics major.

Prospective majors should complete the global language requirement by the end of their sophomore year. Students majoring in Hispanic linguistics may wish to complement the major with the Spanish minor in translation and interpreting (p. 973).

LING courses that are crosslisted with the same numbering and title count equally to satisfy the requisites for this major.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan One

This plan assumes a placement of SPAN 105 on the Foreign Language placement test. Student placement (and plans) may vary. Although it is possible to complete the Hispanic linguistics concentration if a student begins with SPAN 101, summer school, study abroad, or doubling up on courses in the final year may be necessary in order to complete it in a timely manner.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
SPAN 105 Spanish for High Beginners	4
SPAN 203  Intermediate Spanish I <sup>H</sup>	3
<b>Hours</b>	<b>18</b>
<b>Sophomore Year</b>	
SPAN 204  Intermediate Spanish II <sup>H</sup>	3
SPAN 261  Advanced Spanish in Context <sup>H</sup> or SPAN 267  Advanced Spanish in Context for Heritage Learners	3
<b>Hours</b>	<b>6</b>
<b>Junior Year</b>	
SPAN 300 Grammar and Structure of Spanish <sup>H</sup>	3
SPAN 360  Introduction to Hispanic Linguistics or LING 360  Introduction to Hispanic Linguistics	3
SPAN 376  Spanish Phonetics and Phonology	3
SPAN 414 Languages of Spain I or SPAN 416 Languages of the Americas I or Beginning Accelerated Brazilian Portuguese I or Romanian I	3
PORT 401 or ROML 461	3
<b>Hours</b>	<b>9</b>
<b>Hours</b>	<b>6</b>

Junior Year		
SPAN 300	Grammar and Structure of Spanish <sup>H</sup>	3
SPAN 360 or LING 360	Introduction to Hispanic Linguistics or  Introduction to Hispanic Linguistics	3
SPAN 376	Spanish Phonetics and Phonology	3
One course in a language relevant to Spanish		3
<b>Hours</b>		<b>12</b>
Senior Year		
Four advanced linguistics courses (see requirements)		12
<b>Hours</b>		<b>12</b>
<b>Total Hours</b>		<b>48</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Sample Plan Two

This plan assumes a placement of SPAN 203 on the Foreign Language placement test. Student placement (and plans) may vary.

First Year	Hours
<b>First-Year Foundation Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
<b>Major Courses</b>	
SPAN 203  Intermediate Spanish I <sup>H</sup>	3
SPAN 204  Intermediate Spanish II <sup>H</sup>	3
<b>Hours</b>	<b>17</b>
<b>Sophomore Year</b>	
SPAN 261  Advanced Spanish in Context <sup>H</sup> or SPAN 267  Advanced Spanish in Context for Heritage Learners	3
SPAN 300 Grammar and Structure of Spanish <sup>H</sup>	3
<b>Hours</b>	<b>6</b>
<b>Junior Year</b>	
SPAN 360  Introduction to Hispanic Linguistics or LING 360  Introduction to Hispanic Linguistics	3
SPAN 376  Spanish Phonetics and Phonology	3
SPAN 414 Languages of Spain I or SPAN 416 Languages of the Americas I or Beginning Accelerated Brazilian Portuguese I or Romanian I	3
PORT 401 or ROML 461	3
<b>Hours</b>	<b>9</b>

**Senior Year**

Four advanced linguistics courses (see requirements)	12
<b>Hours</b>	<b>12</b>
<b>Total Hours</b>	<b>44</b>

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## Special Opportunities in Romance Studies Undergraduate Research









The Department of Romance Studies offers a gateway for research in the humanities, including the various fields that make up Romance studies. Research activities include the honors thesis, summer research fellowships, or engaging in mentoring projects with professors which lead to opportunities to present papers at conferences or for publication in the University's undergraduate research journal.

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Code	Title	Hours
FREN 691H & FREN 692H	 Honors Thesis in French and  Honors Thesis in French	6
ITAL 691H & ITAL 692H	 Honors Thesis and  Honors Thesis in Italian	6
PORT 691H & PORT 692H	 Honors Thesis and  Honors Thesis in Portuguese	6
SPAN 691H & SPAN 692H	 Honors Thesis and  Honors Thesis in Spanish	6

691H is taken in the fall semester of the senior year and 692H is taken in the spring semester. FREN 390, ITAL 398, PORT 398, SPAN 397 and SPAN 398 may be substituted for the 691H research course if the subject of the seminar is central to the research project chosen. In the 692H course, the thesis will be completed and the student will participate in an oral defense with the thesis director and two additional readers, to be agreed upon by the student and director. The thesis director, in consultation with the readers, will recommend that the student who has defended the thesis graduate with honors, highest honors, or with

course credit. FREN 390, FREN 691H, ITAL 398, ITAL 691H, PORT 398, SPAN 397 and SPAN 398 may count toward the eight courses for the major, but FREN 692H, ITAL 692H, PORT 692H, and SPAN 692H may not. Students who intend to graduate in December should adjust the scheduling of these courses in order to allow for completion of the honors project in December. Students meeting the required grade point averages should contact the undergraduate advisor for their language. For detailed information on the B.A. with honors, visit the department's website (<http://romancestudies.unc.edu/undergraduate/overview/>).

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coursework abroad, courses that are taught by Romance studies faculty may count differently. For example, students completing the Spanish minor for the professions in health and business may complete all or most of the minor in faculty-led programs abroad.

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## Department Programs

### Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 951)
- Romance Languages Major, B.A.–Italian (p. 956)
- Romance Languages Major, B.A.–Portuguese (p. 959)
- Romance Languages Major, B.A.–Hispanic Studies (p. 962)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 966)

### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)

- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
 238 Dey Hall, CB# 3170  
 (919) 962-2062

### Undergraduate Advisor for Hispanic Linguistics

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### Chair

Ellen Welch  
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### Director of Undergraduate Studies

Amy Chambless  
 achamble@email.unc.edu

## French Minor

The Department of Romance Studies is a diverse, multicultural, and plurilingual academic unit that engages in research and instruction in French, Italian, Portuguese, Spanish, and the historical minority languages of Europe and the Americas.

Students unable to undertake a full eight-course French program may register for the French minor. This option also is available to students in some professional schools.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor “core” requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
FREN 300		3
Four additional FREN courses numbered above FREN 204, excluding FREN 308, FREN 401, FREN 402, FREN 601, FREN 692H. At least two courses (six hours) must be above 300. <sup>1</sup>		12
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> Students may not take more than two courses from FREN 255, FREN 260, and FREN 262.

French (FREN) course descriptions (p. 923).

See the program page here (p. 954) for special opportunities.

## Department Programs

### Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 951)
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238 Dey Hall, CB# 3170  
(919) 962-2062

### Undergraduate Advisor and Study Abroad

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### Director of French Language Instruction

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### Chair

Ellen Welch  
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### Director of Undergraduate Studies

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## Italian Minor

The minor in Italian is designed for those who wish to continue their study of the Italian language and acquire a more in-depth knowledge of Italian history, society, literature, and culture. Many use it to support their


majors in related fields such as global studies, business, history, art history, and anthropology, and to round out their major in the STEM fields as well. It requires three fewer courses than the Italian major.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
ITAL 300	 Communicating in Italian: Media, Culture, and Society	3
Four additional ITAL courses excluding ITAL 101, ITAL 102, ITAL 203, ITAL 204, ITAL 401 and ITAL 402. <sup>1</sup>		12
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> Courses taught in English may involve some extra writing in Italian, appropriate to the student's level of Italian at the time of the course and to be worked out with the individual instructor.

With the approval of the undergraduate advisor in Italian, one of the four elective courses may be substituted with a course in such allied fields as art history, classics, history, geography, music, political science, global studies, or any field in which the course includes discussion of any aspect of Italian history, politics or culture.

Completion of ITAL 204 or ITAL 402 is considered a prerequisite for the minor.

Italian (ITAL) course descriptions (p. 923).

See the program page here (p. 957) for special opportunities.

## Department Programs

### Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 951)
- Romance Languages Major, B.A.–Italian (p. 956)
- Romance Languages Major, B.A.–Portuguese (p. 959)
- Romance Languages Major, B.A.–Hispanic Studies (p. 962)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 966)

### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)
- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

### Undergraduate Advisor and Director of Italian Language Instruction

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### Director of Undergraduate Studies

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## Portuguese Minor


The minor in Portuguese is designed for those who wish to continue their study of Portuguese and acquire a more in-depth knowledge of Lusophone cultural production, such as film, literature, and the performing arts. Qualifying courses include courses in Portuguese, courses on Lusophone topics taught in English, and certain courses outside the department with a significant amount of content related to the Lusophone world. Many students see it as essential or complementary to their major in fields such as public health, global studies, music, anthropology, or political science.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
PORT 310	 Advanced Communication in Portuguese: Media & Entertainment	3
Four additional PORT courses numbered between PORT 300 and PORT 699, excluding PORT 401, PORT 402, PORT 691H, and PORT 692H		12
<b>Total Hours</b>		<b>15</b>

The minor in Portuguese requires five courses beyond PORT 204, two of which may be taken abroad.

Portuguese (PORT) course descriptions (p. 923).

See the program page here (p. 959) for special opportunities.

## Department Programs

### Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 951)
- Romance Languages Major, B.A.–Italian (p. 956)
- Romance Languages Major, B.A.–Portuguese (p. 959)
- Romance Languages Major, B.A.–Hispanic Studies (p. 962)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 966)

### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)
- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

### Undergraduate Advisor and Director of Portuguese Language Instruction

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### Director of Undergraduate Studies

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## Hispanic Studies Minor



The minor in Hispanic studies is designed for those who wish to continue their study of the Spanish language and acquire a more in-depth knowledge of Spanish and/or Spanish American literature, culture, or linguistics. Through the selection of courses students may choose to concentrate on a single region of the Hispanic world (Spain or Spanish America), a specific content area (literature, culture, or linguistics), or a combination of regions and/or content areas.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
SPAN 300	Grammar and Structure of Spanish <sup>H</sup>	3
or SPAN 301	 Introduction to Literary and Cultural Analysis	
or SPAN 302	 Literary and Cultural Analysis for Heritage Learners	
Four courses numbered above SPAN 330, excluding SPAN 401, SPAN 402, SPAN 404, SPAN 405, and SPAN 601		12
<b>Total Hours</b>		<b>15</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

Completion of SPAN 261 or SPAN 267 is considered a prerequisite for the minor.

Spanish (SPAN) course descriptions (p. 923).

See the program page here (p. 964) for special opportunities.

## Department Programs

### Majors

- Romance Languages Major, B.A.–French and Francophone Studies (p. 951)
- Romance Languages Major, B.A.–Italian (p. 956)
- Romance Languages Major, B.A.–Portuguese (p. 959)
- Romance Languages Major, B.A.–Hispanic Studies (p. 962)
- Romance Languages Major, B.A.–Hispanic Linguistics (p. 966)

### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)
- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170

(919) 962-2062

### Undergraduate Advisor for Hispanic Literatures and Cultures Major and Hispanic Studies Minor

Gosia Lee  
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### Chair

Ellen Welch  
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### Director of Undergraduate Studies

Amy Chambless  
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## Spanish Minor for the Professions


The Spanish minor for the professions is designed for students who anticipate careers in which they will need to interact with Hispanic communities in the United States or abroad and who wish to continue the study of Spanish language and culture for specific professional purposes: business, medical and other health professions, or law and other legal professions. The capstone course in the minor includes experiential learning through field work and/or public service.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Two profession-specific courses in the same professional track from the following options:		6
SPAN 320 & SPAN 325	Spanish for Business (First Semester) and Spanish for Business (Second Semester)	
SPAN 321 & SPAN 328	Spanish for the Medical Professions (First Semester) and Spanish for the Medical Professions (Second Semester)	
SPAN 323 & SPAN 324	Spanish for the Legal Professions (First Semester) and Spanish for the Legal Professions (Second Semester)	
Two additional three-credit SPAN courses above SPAN 300, excluding SPAN 401, SPAN 402, SPAN 404, SPAN 405, and SPAN 601		6
Capstone course:		
SPAN 329	 Spanish for Professional and Community Engagement	3
<b>Total Hours</b>		<b>15</b>

Completion of SPAN 261 or SPAN 267 is considered a prerequisite for the minor.

See the program page here (p. 964) for special opportunities.

## Department Programs

### Majors

- Romance Languages Major, B.A.—French and Francophone Studies (p. 951)
- Romance Languages Major, B.A.—Italian (p. 956)
- Romance Languages Major, B.A.—Portuguese (p. 959)
- Romance Languages Major, B.A.—Hispanic Studies (p. 962)
- Romance Languages Major, B.A.—Hispanic Linguistics (p. 966)

### Minors

- French Minor (p. 969)
- Italian Minor (p. 970)
- Portuguese Minor (p. 971)
- Hispanic Studies Minor (p. 971)
- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

### Graduate Programs

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
238 Dey Hall, CB# 3170  
(919) 962-2062

### Program Director, Spanish Minor for the Professions

Elizabeth Bruno  
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### Chair

Ellen Welch  
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### Director of Undergraduate Studies

Amy Chambless  
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## Translation and Interpreting Minor

Developments in globalization, international trade, worldwide communication and technology have dramatically increased the demand for qualified translators and interpreters in all realms, especially in business, technology, communication, marketing, advertisement, government, healthcare, social services, national security, international trade, and law. The current demand for translation and interpreting professionals outweighs the supply available. This program will provide students the background in theory, technical resources, research skills, and literary and cultural competency that are necessary to communicate in more than one language and in written and oral form.

Successful translators and interpreters work for an agency, as independent contractors, or as part of a larger team in national

or international organizations, institutions, or associations. Upon completion of the minor, students will be ready to use their inter-cultural and inter-linguistic skills for professional purposes in institutional, academic, or other professional contexts.

## Admission

Students who wish to declare this minor should be majoring in either Hispanic Literatures and Cultures or Hispanic Linguistics and should not have declared a different minor in the department. Approval by the department is required. Students can declare the minor after completing SPAN 300 with a grade of C or better by scheduling an appointment to meet with the program coordinator.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC—Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
SPAN 300	Grammar and Structure of Spanish <sup>1, 2, H</sup>	3
SPAN 369	Introduction to Translation <sup>1</sup>	3
SPAN 351	Spanish Interpretation I <sup>1</sup>	3
SPAN 370	Spanish Translation II <sup>1</sup>	3
	or SPAN 352 Spanish Interpretation II	
	One elective course numbered SPAN 330 or above, excluding SPAN 401, SPAN 402, SPAN 404, SPAN 405, SPAN 414, SPAN 415, and SPAN 601 <sup>1</sup>	3
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


<sup>1</sup> Students must earn a grade of C or better in all five (5) courses (15 credit hours) in the minor.

<sup>2</sup> Prerequisite, SPAN 261

## Sample Plan of Study

### Major in Hispanic Linguistics and a Minor in Translation and Interpreting

This plan assumes a placement of SPAN 203 on the foreign language placement test. Student placement and plans may vary.

First Year		Hours
SPAN 203	 Intermediate Spanish I <sup>H</sup>	3
SPAN 204	Intermediate Spanish II <sup>H</sup>	3
<b>Hours</b>		<b>6</b>

**Sophomore Year**

SPAN 261 or SPAN 267	Advanced Spanish in Context (major and minor) <sup>H</sup> or  Advanced Spanish in Context for Heritage Learners	3
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SPAN 300	Grammar and Structure of Spanish (major and minor) <sup>H</sup>	3
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**Hours** 6

**Junior Year**

SPAN 360 or LING 360	Introduction to Hispanic Linguistics (major) or  Introduction to Hispanic Linguistics	3
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SPAN ---	Elective course #1 (major)	3
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SPAN 351	Spanish Interpretation I (minor)	3
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SPAN 369	Introduction to Translation (minor)	3
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SPAN ---	Elective course #2 (major and minor)	3
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**Hours** 15

**Senior Year**

SPAN 376 or LING 376	Spanish Phonetics and Phonology (major) or  Spanish Phonetics and Phonology	3
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SPAN 414 or SPAN 416 or PORT 401	Languages of Spain I (major) or Languages of the Americas I or Beginning Accelerated Brazilian Portuguese I	3
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SPAN 370 or SPAN 352	Spanish Translation II (minor) or Spanish Interpretation II	3
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SPAN ---	Elective course #3 (major)	3
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SPAN ---	Elective course #4 (major)	3
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**Hours** 15

**Total Hours** 42

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

**Major in Hispanic Studies and a Minor in Translation and Interpreting**

This plan assumes a placement of SPAN 203 on the foreign language placement test. Student placement and plans may vary.

**First Year** **Hours**

SPAN 203	Intermediate Spanish I <sup>H</sup>	3
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SPAN 204	Intermediate Spanish II <sup>H</sup>	3
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**Hours** 6

**Sophomore Year**

SPAN 261 or SPAN 267	Advanced Spanish in Context (major and minor) <sup>H</sup> or  Advanced Spanish in Context for Heritage Learners	3
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SPAN 301 or SPAN 302	Introduction to Literary and Cultural Analysis (major) <sup>H</sup> or  Literary and Cultural Analysis for Heritage Learners	3
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**Hours** 6

**Junior Year**

SPAN 300	Grammar and Structure of Spanish (minor) <sup>H</sup>	3
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SPAN 3--	Cultural diversity course #1, SPAN 338, SPAN 340, SPAN 344 (major and minor)	3
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SPAN 371	Studies in Spanish Literature (major)	3
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SPAN 369	Introduction to Translation (counts as specialized course #1 in major and required in minor)	3
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SPAN 351	Spanish Interpretation I (minor)	3
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**Hours** 15

**Senior Year**

SPAN 373	Studies in Latin American Literature (major)	3
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SPAN 3--	Cultural diversity course #2, SPAN 338, SPAN 340, SPAN 344 (major)	3
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SPAN ---	Specialized course #2 (can overlap with minor if not already satisfied by cultural diversity requirement)	3
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SPAN ---	Specialized course #3 (major)	3
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SPAN 370 or SPAN 352	Spanish Translation II (minor) or Spanish Interpretation II	3
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**Hours** 15

**Total Hours** 42

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

**Special Opportunities**

See the program page here (p. 964) for special opportunities.

**Department Programs****Majors**

- Romance Languages Major, B.A.–French and Francophone Studies (p. 951)
- Romance Languages Major, B.A.–Italian (p. 956)
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**Minors**

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- Spanish Minor for the Professions (p. 972)
- Translation and Interpreting Minor (p. 973)

**Graduate Programs**

- M.A. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)
- Ph.D. in Romance Languages and Literatures (<http://catalog.unc.edu/graduate/schools-departments/romance-studies/>)

## Contact Information

### Department of Romance Studies

Visit Program Website (<http://romancestudies.unc.edu>)  
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### Interim Program Director, Translation and Interpreting Minor

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### Director of Undergraduate Studies

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## Department of Sociology

### Introduction

The Department of Sociology is the primary home for two majors (sociology major and management and society major) and two minors (health and society minor and social and economic justice minor).

The undergraduate major in sociology (p. 985) provides students with theoretical and methodological tools, and substantive insights for understanding human social life and institutions. The department's faculty is particularly strong in the areas of social inequality, marriage and family, health and medical sociology, work and the economy, religion, formal organizations, sex and gender, social movements, population and human ecology, social networks, education, and political sociology. Course themes range widely from the theoretical to the applied and incorporate a broad array of methodological approaches including comparative/historical, participant observation and interviewing, survey data collection, and statistical analysis.

The undergraduate major in management and society (p. 988) is an interdisciplinary program that focuses on the institutional context and inner workings of organizations and the economic system, with both a historical and contemporary perspective. Students take relevant topical courses from a diverse range of departments (including Sociology, Communication Studies, Economics, Psychology, Business Management, and History), in addition to some statistics courses. It prepares students for a variety of positions in private or public-sector organizations. Additionally, many students find the curriculum to be excellent preparation for a variety of business-oriented graduate and professional degree programs.

The undergraduate minor in health and society (p. 991) provides students with an opportunity to examine contemporary health patterns and trends characterizing U.S. society and societies around the world, as well as sociologically based explanations for those patterns and trends. It also provides students with an understanding of the social construction of health and illness in modern societies. The minor brings together courses focused specifically on linkages between health and society, along with courses focused on social organization and stratification,

to provide students with insights into the ways that societies define health and illness and how social organization and stratification influence population health.

The undergraduate minor in social and economic justice (p. 992) is designed for students who want to understand how to think analytically about issues of justice and how perspectives on justice can be joined with the pursuit of it. An overarching objective is fostering attitudes and knowledge about human rights; racial, ethnic, and gender equality; economic justice; democratic participation; sustainable development; diversity; and peace. It is especially appropriate for students who anticipate working in advocacy roles in nonprofit organizations, in local communities, or in governmental organizations. In these inquiries about justice, students engage scholarship in a variety of disciplines and traditions of practice.

## Advising

All majors and minors have a primary academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies and assistant director engage with current, transfer, and prospective majors/minors by email or appointment (see contact information on the program page of the catalog). Departmental academic advising is particularly important for those students who are double majors and those who may be considering going on to graduate school. Further information on courses, undergraduate research opportunities, writing an honors thesis, careers, and graduate schools is available on the department's website (<https://sociology.unc.edu/>).

## Opportunities for Career and Further Education

Graduates from our department's programs are employed by research institutes, public health and welfare organizations, social work agencies, private businesses, law firms, international agencies, medical centers, educational institutions, advertising firms, survey and polling organizations, and the criminal justice system. Others work in politics and government and in community and social justice organizing.

A major in sociology also prepares students for law, medical, or business school and for graduate degree programs in social work, education, public policy, religious ministry, mass communications, public health, nonprofit administration, and international affairs. The sociology major also prepares interested undergraduates for graduate studies in sociology, should they choose to continue in the field to become researchers or teachers in educational or research institutions. Students interested in pursuing graduate studies after college may, with the instructor's permission, enroll in graduate-level courses at UNC-Chapel Hill.

A major in management and society prepares students for virtually any aspect of a business or management career that does not involve highly specialized training and certification (such as finance and accounting). Employers are interested in students who can think on their feet, communicate effectively, write well, and make sense of the social and economic changes occurring in their industry. Management and society majors are educated in each of these skills, and are especially suited for entry-level positions in any aspect of human resource management, industry, or public-sector organizations. Among recent graduates who responded to a placement office survey, the largest number were employed in sales; management or management training positions with

at least some supervisory or personnel-related responsibilities ranked second. Other graduates are working in customer service, purchasing, and marketing research, and several hold positions in the public sector.

### Majors

- Sociology Major, B.A. (p. 985)
- Management and Society Major, B.A. (p. 988)

### Minor

- Health and Society Minor (p. 991)
- Social and Economic Justice Minor (p. 992)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)

## Professors

Howard E. Aldrich, Kenneth (Andy) Andrews, Kenneth A. Bollen, Barbara Entwisle, Elizabeth Frankenberg, Guang Guo, Karen Guzzo, Kathleen M. Harris, Robert Hummer, Arne L. Kalleberg, Charles Kurzman, Ted Mouw, Lisa D. Pearce, Yang (Claire) Yang.

## Associate Professors

Yong Cai, Neal Caren, Kate Weisshaar.

## Assistant Professors

Scott Duxbury, Shannon Malone Gonzalez, Taylor Hargrove, Tania Jenkins, Alexandra Ravenelle, Jessica Su.

## Teaching Associate Professor

Kathleen Fitzgerald.

## Teaching Assistant Professor

Matthew Lammers.

## Research Professor

Glen H. Elder Jr.

## Affiliated Faculty

John D. Kasarda (Kenan–Flagler Business School).

## Adjunct Professors

Gail Henderson (Social Medicine), James H. Johnson Jr. (Kenan–Flagler Business School), Douglas L. Lauen (Public Policy), John D. Stephens (Political Science).

## Adjunct Associate Professors

Tressie McMillan Cottom (School of Information and Library Sciences), Thurston Domina (School of Education), Zeynep Tufekci (School of Information and Library Sciences).

## Adjunct Assistant Professors

Carmen Gutierrez (Public Policy), Francesca Tripodi (School of Information and Library Sciences).

## Professors Emeriti

Judith R. Blau, M. Richard Cramer, Jacqueline Hagan, Sherryl Kleinman, S. Philip Morgan, Anthony R. Oberschall, John Shelton Reed, Ronald R. Rindfuss, Peter R. Uhlenberg.

## MNGT–Management and Society

### Undergraduate-level Courses

 **MNGT 120. Introduction to Interpersonal and Organizational Communication. 3 Credits.**

An introduction to communication theory, research, and practice in a variety of interpersonal and organizational contexts. This course examines the role of communication in both personal and professional relationships. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed: RESEARCH.**

**Grading Status:** Letter grade.

**Same as:** COMM 120.

**MNGT 131. Social Relations in the Workplace. 3 Credits.**

Meaning and content of work in modern industrial society. Preparation for work; autonomy and control; inequality; consequences for health, safety, and family life.

#### Rules & Requirements

**Grading Status:** Letter grade.

**Same as:** SOCI 131.

 **MNGT 223. Small Group Communication. 3 Credits.**

Permission of the instructor for nonmajors. Introduction to the theory and practice of communication in the small group setting. Topics may include group development, conformity and deviation, gender, problem solving, and power and leadership.

#### Rules & Requirements

 **IDEAs in Action Gen Ed: FC-VALUES.**

**Requisites:** Prerequisite, COMM 120.

**Grading Status:** Letter grade.

**Same as:** COMM 223.

**MNGT 310. Microeconomics: Theory and Applications. 3 Credits.**

Analysis of the ways in which consumers and business firms interact in a market economy. Students may not receive credit for both ECON 310 and 410.


#### Rules & Requirements

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**Same as:** ECON 310.



 **MNGT 325. Introduction to Organizational Communication. 3 Credits.**

Permission of the instructor for nonmajors. The course explores the historical and theoretical developments in the research and practice of organizational communication. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, COMM 120.

**Grading Status:** Letter grade.

**Same as:** COMM 325.

**MNGT 330. Economic History of the United States. 3 Credits.**

Main features of the American economy: colonial times to the present. Students may not receive credit for both ECON 330 and ECON 430.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ECON 330.

 **MNGT 345. Public Policy Toward Business. 3 Credits.**

Industry structure and its relation to performance; market imperfections; description and analysis of antitrust and regulation. Students may not receive credit for both ECON 345 and ECON 445.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Requisites:** Prerequisite, ECON 310 or 410.

**Grading Status:** Letter grade.

**Same as:** ECON 345.

 **MNGT 364. History of American Business. 3 Credits.**

A survey of the rise and development of the major financial, commercial, manufacturing, and transportation enterprises that transformed the United States from an agricultural into a leading industrial nation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 364.

**MNGT 365. The Worker and American Life. 3 Credits.**

From the experience of colonial artisans to contemporary factory and office workers, organized and unorganized, this course examines the effect of the industrial revolution on the American social and political landscape.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 365.

**MNGT 380. The Economics of Labor Relations. 3 Credits.**

An economic analysis of workplace issues, including worker quits, layoffs and unemployment, discrimination and affirmative action, and the setting of pay, fringe benefits, and working conditions. Students may not receive credit for both ECON 380 and ECON 480.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 310 or 410.

**Grading Status:** Letter grade.

**Same as:** ECON 380.

## Advanced Undergraduate and Graduate-level Courses

 **MNGT 410. Formal Organizations and Bureaucracy. 3 Credits.**

Varieties of organizational forms, their structures and processes; creation, persistence, transformation, and demise; role of organizations in contemporary society.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**Same as:** SOCI 410.

**MNGT 412. Social Stratification. 3 Credits.**

Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** SOCI 412.

**MNGT 415. Economy and Society. 3 Credits.**

Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** SOCI 415.

 **MNGT 427. The Labor Force. 3 Credits.**

Supply and characteristics of labor and of jobs, including industrial and occupation changes, education and mobility of labor, and changing demography of the workforce.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** SOCI 427.

**MNGT 691H. Honors Fall Course. 3 Credits.**

Directed independent research under the supervision of a faculty advisor.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **MNGT 692H. Honors Spring Course. 3 Credits.**

Preparation of an honors thesis and an oral examination on the thesis.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Requisites:** Prerequisite, MNGT 691H.

**Grading Status:** Letter grade.

## SOCI–Sociology

### Undergraduate-level Courses

#### SOCI 53. First-Year Seminar: The Consequences of Welfare Reform and Prospects for the Future. 3 Credits.

This first-year seminar is designed to 1) research and document the consequences of welfare reform and 2) participate in the political debate over reauthorization of the welfare law.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### SOCI 54. First-Year Seminar: Good Jobs, Bad Jobs, No Jobs: Work and Workers in 21st-Century America. 3 Credits.

The course examines the nature and meaning of work in America at the beginning of the 21st century.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### SOCI 56. First-Year Seminar: Citizenship. 3 Credits.

Citizenship takes on new meaning in a global context. This course examines current debates, examples of human rights charters, and students apply what they learn to sociological topics.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

#### SOCI 57. First-Year Seminar: Rationalization and the Changing Nature of Social Life in 21st-Century America. 3 Credits.

Fast food restaurants have become a model for everyday life. Some scholars even talk about the "McDonaldization" of the world. By that scholars mean a drive toward greater efficiency, predictability, calculability, and control by technologies in modern organizations. Sociologists call this process "rationalization," which will be examined in this course. Honors version available.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### SOCI 58. First-Year Seminar: Globalization, Work, and Inequality. 3 Credits.

This course will present a comparative and multidisciplinary perspective on how globalization affects labor markets and inequality.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

#### SOCI 59. First-Year Seminar: The Advocacy Explosion: Social Movements in the Contemporary United States. 3 Credits.

This course investigates the origins, dynamics, and influence of social movements in American society. It examines why people join movements, how movements work, and the way that movements are able to affect broader changes in our society.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### SOCI 60. First-Year Seminar: Sociology of the Islamic World. 3 Credits.

This course exposes students to the social, economic, political, and religious currents that have made the Islamic world one of the most important regions for global affairs, as well as one of the regions least understood in the United States.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

#### SOCI 64. First-Year Seminar: Equality of Educational Opportunity Then and Now. 3 Credits.

Brown v. Board of Education centers on one of the most significant and controversial issues in American public education: equality of educational opportunity. This course examines race in America and its affect on public education before and after Brown. Topics include school segregation, curriculum tracking, and the black-white achievement gap.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

#### SOCI 66. First-Year Seminar: Citizenship and Society in the United States. 3 Credits.

Americans are taught that democracy and citizenship go hand in hand: being a good citizen may mean voting, writing letters, and taking other actions to "make one's voice heard." This course examines what citizenship has meant during the course of American history.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, NA.

**Grading Status:** Letter grade.

#### SOCI 68. First-Year Seminar: Immigration in Contemporary America. 3 Credits.


This seminar compares and contrasts historical and contemporary immigration to the United States and then explores the development a migrant community in North Carolina. We will study why people migrate, how citizens respond to migration, how the federal government regulates migration, how local communities manage the settlement of its newcomers.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** SS, CI, GL.

**Grading Status:** Letter grade.

 **SOCI 69. First-Year Seminar: Human Societies and Genomics. 3 Credits.**


Familiarity with basic genetics or a social science field is helpful. This course focuses on how advances in molecular genomics over the past decades benefit sociology and other social sciences.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **SOCI 70. First-Year Seminar: Difficult Dialogues. 3 Credits.**

Provides tools for comprehensive, frank, civil conversations on controversial topics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **SOCI 71. First-Year Seminar: The Pursuit of Happiness. 3 Credits.**


Examines the nature, causes, and consequences of happiness from diverse social science perspectives. Addresses such questions as, What is happiness? Can we measure happiness? If so, how? Does money buy happiness? Does happiness vary among social groups, cultures, and nations? What is the role of happiness in formulating public policies? Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **SOCI 72. First-Year Seminar: Race and Ethnicity in the United States. 3 Credits.**

In this seminar, students delve into the meaning and measurement of race in society, how it changes over time and space, and what it signals for the future of race/ethnic relations in the United States. Seminar activities include data collection and analysis and critical examination of race/ethnicity in popular culture.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

 **SOCI 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

**Rules & Requirements**


 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **SOCI 100. Sociological Perspective Through Documentary Film. 3 Credits.**

Introduction to sociology as a discipline through documentary film that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-POWER.

**Grading Status:** Letter grade.

 **SOCI 101. Sociological Perspectives. 3 Credits.**

Introduction to sociology as a discipline that includes study of differences and equality, social structure and institutions, culture, social change, individuals and populations, and social psychology. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 111. Human Societies. 3 Credits.**

An introduction to comparative sociology. The course surveys social inequality in human societies. Topics include a discussion of major types of societies that existed, social inequality across social classes, gender and race/ethnicities, as well as population issues, development of technology, and family structure that underlie a society's stratification system.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 112. Social Interaction. 3 Credits.**

The individual in society. An examination of how people conduct their interactions with others in different kinds of social relationships. Emphasis on the social psychological causes and consequences of such conduct.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 121. Population Problems. 3 Credits.**

Social and economic causes of population structure and change. Illustrations drawn from developing countries and the less developed regions and sections of the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 122. Race and Ethnicity. 3 Credits.**

Examines race, racism, and privilege. Introduces major sociological concepts, debates, and evidence concerning the social construction of race, and the many manifestations of racism and privilege. The course highlights the asymmetrical power relations between groups that produce and sustain inequality while also considering the factors that lead to social change.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**SOCI 123. Crime and Delinquency. 3 Credits.**

The nature and extent of crime and delinquency; emphasis upon contemporary theories of their causation; examination of correctional programs.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 124. Sex and Gender in Society. 3 Credits.**

Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** WGST 124.

**SOCI 125. Sociology of Sexualities. 3 Credits.**

This class takes a sociological approach to the study of sexuality and gender, including an exploration of sexuality and gender as social constructions, the emergence of sexual and gender identities, intersectionality (gender/sexuality/race/class), historical and current inequalities and discrimination faced by sexual and gender minorities, heterosexual privilege, activism/mobilization to challenge discrimination against sexual minorities, and the ways sexuality operates in and through various institutions: media, schools, sport, family, religion, and the workplace.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 126. Sociology of Adolescence. 3 Credits.**

This course examines adolescence from a sociological perspective, or how the social, economic, and cultural contexts in which adolescents live shape their experiences. Students will learn from 1) dynamic engagement with sociological theory and research on adolescence, 2) active participation in an adolescent-serving community organization - Movement of Youth, and 3) thoughtful reflection on how well existing theory and research match with observations made during service work.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Service Learning.

**Grading Status:** Letter grade.

**SOCI 129. Sociology of Religion. 3 Credits.**

This course provides an introduction to the sociology of religion, an important field in the discipline of sociology. Religion is one of the most powerful sources of social cohesion, order, meaning, disruption, protest, and change in human societies, both historically and today in the modern world. Sociology provides a particular disciplinary perspective and analytical tools and theories for describing, understanding, and explaining the nature and influence of religion.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 130. Family and Society. 3 Credits.**

Comparative analysis of kinship systems and family relations. Courtship, marriage, and parent-child relations viewed within a life-cycle framework. Students may not receive credit for both SOCI 130 and SOCI 425.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 131. Social Relations in the Workplace. 3 Credits.**

Meaning and content of work in modern industrial society. Preparation for work; autonomy and control; inequality; consequences for health, safety, and family life.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** MNGT 131.

**SOCI 133. Sociology of Politics. 3 Credits.**

Patterns of participation in political institutions, public policy, conflict within and between communities and other interest groups, the nature of citizenship in modern society, politics and social change.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 172. Introduction to Population Health in the United States. 3 Credits.**

This course aims to provide an introduction to the study of population health in the United States. Key goals include understanding the measurement and theoretical frameworks underlying the study of population health, understanding trends and disparities in U.S. population health, and understanding policy options to improve population health.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**SOCI 180. Introduction to Global Population Health. 3 Credits.**

This course provides students with an introduction to population health, with an emphasis on three perspectives: demographic methods for assembling data and evidence, the social determinants of health framework, and the role of global institutions and movements in population health.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-QUANT.

**Grading Status:** Letter grade.

**SOCI 250. Sociological Theory. 3 Credits.**

Required of sociology majors. A study of theoretical perspectives in sociology, their relation to contemporary social issues, and their roots in classical social thought. Students may not receive credit for both SOCI 250 and SOCI 253.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**SOCI 251. Research Methods. 3 Credits.**

Required of sociology majors. Methods of data collection, with attention to problem selection, sources of information, choice of methods, and research design. Operationalization and measurement; sampling, construction of questionnaires, and interviewing; observation techniques; experimentation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Grading Status:** Letter grade.

**SOCI 252. Data Analysis. 3 Credits.**

Required of sociology majors. Methods of data analysis: descriptive statistics, elements of probability, and inferential statistics and multivariate analysis to permit causal inference.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**SOCI 253. Sociological Theory - Experiential. 3 Credits.**

A study of theoretical perspectives in sociology, their relation to contemporary social issues, and their roots in classical social thought, taught through experiential examples. Students may not receive credit for both SOCI 253 and SOCI 250.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Requisites:** Prerequisite, SOCI 101; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**SOCI 260. Crisis and Change in Russia and Eastern Europe. 3 Credits.**

Draws on historical, political, economic, and sociological perspectives to analyze social, cultural, and institutional change.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** POLI 260, PWAD 260.

**SOCI 273. Social and Economic Justice, Experiential Education. 3 Credits.**

Covers theory and practice of social and economic justice, including analyses of racial, gender, sexual, class, national, and other forms of justice, the history of influential movements for justice, and strategies of contemporary struggles. This course has a 30-hour service-learning component. Students may not receive credit for both SOCI 273 and SOCI 274.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** PH, EE- Service Learning.

**Grading Status:** Letter grade.

**SOCI 274. Social and Economic Justice. 3 Credits.**

Covers theory and practice of social and economic justice, including analyses of racial, gender, sexual, class, national, and other forms of justice, the history of influential movements for justice, and strategies of contemporary struggles. Students may not receive credit for both SOCI 273 and SOCI 274.

**Rules & Requirements**

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**SOCI 277. Societies and Genomics. 3 Credits.**

The course examines how human genomic information can be incorporated into social sciences. Topics include twin studies; an introduction to basic principles of molecular genetics; evolutionary psychology; sex, gender, and genomics; ethical issues in genetic studies; and epigenetics.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 290. Special Topics in Sociology. 3 Credits.**

Periodic offering of courses on developing topics in the field.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**SOCI 302. Fieldwork in Entrepreneurship. 3 Credits.**

Great ideas don't always result in entrepreneurial success – you also have to know your audience or customer base. In this research methodology course, students will receive hands-on experience in conducting interviews and focus groups and engaging in participant observation in order to determine potential customer/client interest in a product, service, or nonprofit. Special attention will be paid to analyzing research findings in order to create actionable insights. Cross-referenced with Shuford Program in Entrepreneurship.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**SOCI 318. Computational Sociology. 3 Credits.**

The surge of digital technology over the past three decades has reconfigured society - increasing political polarization, generating new types of discrimination in job searches, and expanding government surveillance. This course introduces the budding field of computational sociology. We will examine the ways that new kinds of data are being collected and analyzed and the impact these changes are having in society.

**Rules & Requirements**

**Requisites:** Prerequisite, A background course in some form of social scientific methods or data science methods is recommended, but not required; examples include: SOCI 251, SOCI 252, PSYC 115, PSYC 210, PSYC 215, PSYC 270, PSYC 310, POLI 281, POLI 285, POLI 381, PLCY 310, PLCY 460, STOR 115, STOR 120, STOR 151, STOR 155, STOR 320, COMP 210, COMP 283.

**Grading Status:** Letter grade.

**SOCI 390. Sociological Analysis: Special Topics. 3 Credits.**

Examines selected topics from a sociological perspective. Course description for a particular semester is available in the department office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **SOCI 393. Independent Experiential Internship. 1-3 Credits.**

Permission of the department. This course is an internship experience directly relevant to the student's academic progress in sociology and/or management and society. Pass/Fail only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Pass/Fail.

**SOCI 396. Independent Study and Reading. 1-6 Credits.**

Permission of the director of undergraduate studies. Special reading and research in a selected field under the direction of a member of the department.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses** **SOCI 410. Formal Organizations and Bureaucracy. 3 Credits.**

Varieties of organizational forms, their structures and processes; creation, persistence, transformation, and demise; role of organizations in contemporary society.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**Same as:** MNGT 410.

**SOCI 411. Social Movements. 3 Credits.**

Examines the origins, dynamics, and consequences of protest and social movements including historical and contemporary movements from the United States and around the globe. Students may not receive credit for both SOCI 413 and 411.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** PWAD 411.

**SOCI 412. Social Stratification. 3 Credits.**

Analysis of social structure and stratification in terms of class, status, prestige, and rank. Attention to social roles of elites, professionals, the middle class, and the working class and to comparative topics.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** MNGT 412.

**SOCI 413. Social Movements, Experiential. 3 Credits.**

Examines the origins, dynamics, and consequences of protest and social movements including historical and contemporary movements from the U.S. and around the globe. Substantial field work for experiential education. Students may not receive credit for both SOCI 413 and SOCI 411.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Service Learning.

**Grading Status:** Letter grade.

**SOCI 414. The City and Urbanization. 3 Credits.**

The city as a social, spatial, and political-economic phenomenon in the modern world. Analysis of urban demographic trends, spatial characteristics and economic functions. Substantive topics include segregation, social turmoil, unemployment, fiscal problems, suburbanization, and urban public policy. Students may not receive credit for both SOCI 414 and SOCI 417.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 415. Economy and Society. 3 Credits.**

Examination of the structure and operation of institutions where economy and society intersect and interact, such as education, industrial organizations, on-the-job training, labor markets, and professional associations. Emphasis on the contemporary United States, with selected comparisons with Western Europe and Japan.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** MNGT 415.

 **SOCI 417. The City and Urbanization, Experiential Education. 3 Credits.**

The city as a social, spatial, and political-economic phenomenon in the modern world. Analysis of urban demographic trends, spatial characteristics, and economic functions. Substantive topics include segregation, social turmoil, unemployment, fiscal problems, suburbanization, and urban public policy. Students may not receive credit for both SOCI 414 and SOCI 417.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** SS, EE- Service Learning.

**Grading Status:** Letter grade.


**SOCI 418. Contemporary Chinese Society. 3 Credits.**

Designed to help students read complex pictures of contemporary China and to understand how China's rise affected people's lives, both inside and outside of China, from a sociological perspective. The course does not assume any background in Chinese studies.

**Rules & Requirements**

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

 **SOCI 419. Sociology of the Islamic World. 3 Credits.**

Investigates issues such as tradition and social change, religious authority and contestation, and state building and opposition in Muslim societies in the Middle East and around the world.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL, RESEARCH.

**Making Connections Gen Ed:** SS, BN, GL.

**Grading Status:** Letter grade.

**SOCI 420. Political Sociology. 3 Credits.**

Analysis of the reciprocal influences of state and social organizations upon each other; the social bases of political authority and stability, of revolution and counterrevolution.

**Rules & Requirements**

**Grading Status:** Letter grade.

**SOCI 421. Environmental Sociology. 3 Credits.**

This course focuses on the interaction between humans and their natural environments. Students will investigate the causes and consequences of environmental problems and their connections to dominant economic and political structures, cultural values, population dynamics, resource consumption, technologies, and systems of inequality.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **SOCI 422. Sociology of Mental Health and Illness. 3 Credits.**

Examines the uniqueness of the sociological perspective in understanding mental health and illness. Draws upon various theoretical perspectives to best understand patterns, trends, and definitions of mental health and illness in social context. Focuses on how social factors influence definitions, perceptions, patterns, and trends of mental health and illness.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **SOCI 423. Sociology of Education, Experiential Education. 3 Credits.**

An overview of theory and research on education and schooling, with an emphasis on inequalities in educational opportunities, education as a social institution, and the changing context of schools and schooling. Substantial field work for experiential education. Students may not receive credit for both SOCI 423 and SOCI 426.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** SS, EE- Service Learning.

**Grading Status:** Letter grade.

**SOCI 424. Law and Society. 3 Credits.**

A sociological analysis of comparative legal systems, the role of law in social change and in shaping social behavior. Topics may include the legal profession, property distribution, and the role of law in achieving racial and sexual justice.

**Rules & Requirements**

**Grading Status:** Letter grade.

**SOCI 425. Family and Society, Junior/Senior Section. 3 Credits.**

A special version of SOCI 130 for juniors, seniors, and beginning graduate students. Students may not receive credit for both SOCI 425 and SOCI 130.

**Rules & Requirements**

**Grading Status:** Letter grade.

**SOCI 426. Sociology of Education. 3 Credits.**

An overview of theory and research on education and schooling, with an emphasis on inequalities in educational opportunities, education as a social institution, and the changing context of schools and schooling. Students may not receive credit for both SOCI 423 and SOCI 426.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **SOCI 427. The Labor Force. 3 Credits.**

Supply and characteristics of labor and of jobs, including industrial and occupation changes, education and mobility of labor, and changing demography of the workforce.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** MNGT 427.

**SOCI 429. Religion and Society. 3 Credits.**

Sociological analysis of group beliefs and practices, both traditionally religious and secular, through which fundamental life experiences are given coherence and meaning. This course is a special version of SOCI 129 for juniors and seniors that explores the meanings and experiences of religion, as well as religion's role in communities, institutions, and societies through hands-on intensive research experience. Students may not receive credit for both SOCI 129 and SOCI/RELI 429.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** RELI 429.

**SOCI 430. Sociology of Food and Food Justice. 3 Credits.**

We explore key sociological concepts through the lens of food: labor, power, social status, political economy, social inequalities, social movements, globalization, and social justice. Additionally, we examine the emergence of food related social movements, food policy, and food related social problems (famine, obesity, food deserts, food insecurity, GMOs (genetically modified organisms), CAFOs (concentrated animal feeding operations), industrial agriculture, environmental degradation, and poor health).

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**SOCI 431. Aging. 3 Credits.**

The process of aging from birth to death, with a concentration on the later years of life, examined from a broad perspective. Topics include individual change over the life-course, the social context of aging, and the aging of American society.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 433. Immigration in Contemporary America. 3 Credits.**

This course introduces students to reasons why people migrate, how citizens respond to that migration, how the federal government regulates migration, and how local communities manage the settlement of newcomers. By the end of the course students should have a solid understanding of major debates in the study of immigration.

**Rules & Requirements**

**Grading Status:** Letter grade.

**SOCI 444. Race, Class, and Gender. 3 Credits.**

Conceptualizations of gender, race, and class and how, separately and in combination, they are interpreted by the wider society. Emphasis on how black and working-class women make sense of their experiences at work and within the family.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** WGST 444.

**SOCI 445. Sociology of Emotions. 3 Credits.**

The course examines how emotions are organized within social groupings and institutions. Differences in socialization by gender, ethnicity, social class, and age will be explored.

**Rules & Requirements**

**Grading Status:** Letter grade.

**SOCI 450. Theory and Problems of Developing Societies. 3 Credits.**

Theories concerning the development process (motivational vs. institutional economics vs. political and social development; similarity of sequential states and outcomes) will be related to policy problems facing the developing nations.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**SOCI 460. Contemporary Social Theory. 3 Credits.**

Analysis of current problems in general social theory; action and structure, justice and equity, social change and reproduction. Contrast and evaluation of leading approaches to solutions.

**Rules & Requirements**

**Requisites:** Prerequisite, SOCI 250.

**Grading Status:** Letter grade.

**SOCI 468. United States Poverty and Public Policy. 3 Credits.**

This course examines issues of poverty and social policy, single-mother families, the welfare debate, and homelessness.

**Rules & Requirements**

**Grading Status:** Letter grade.

**SOCI 469. Health and Society. 3 Credits.**

The primary objective of the course is to explain how and why particular social arrangements affect the types and distribution of diseases, as well as the types of health promotion and disease prevention practices that societies promote.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**SOCI 481. Managing International Conflict. 3 Credits.**

This course introduces the principles of international cooperation and conflict resolution; theories of how international agreements develop or break down; and the logic of mediation, arbitration, and negotiation.

**Rules & Requirements**

**Grading Status:** Letter grade.

** SOCI 691H. Senior Honors Research and Seminar. 3 Credits.**

Permission of the department. SOCI 691H is required of senior honors candidates. Individual student research (under supervision of an advisor). Weekly seminar to discuss work on honors thesis, as well as special topics in sociology.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.



**SOCI 692H. Senior Honors Research and Seminar. 3 Credits.**  
 Permission of the department. Individual student research under supervision of an advisor. Weekly seminar to discuss work on honors thesis as well as special topics in sociology.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.  
**Making Connections Gen Ed:** CI, EE- Mentored Research.  
**Requisites:** Prerequisite, SOCI 691H.  
**Grading Status:** Letter grade.

**SOCI 696. Undergraduate/Graduate Study in Sociology. 3-4 Credits.**  
 Permission of the instructor. Graduate study in sociology for undergraduate students. Undergraduate students taking a 700- or 800-level course in sociology register via this course and complete all requirements for the associated graduate course.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.  
**Grading Status:** Letter grade.

**Contact Information**

**Department of Sociology**  
 Visit Program Website (<https://sociology.unc.edu/>)  
 155 Hamilton Hall, CB# 3210  
 (919) 962-1007

**Chair**  
 Kenneth (Andy) Andrews  
 kta1@email.unc.edu

**Sociology Major, B.A.**

The undergraduate major in sociology at UNC–Chapel Hill provides students with theoretical and methodological tools, and substantive insights for understanding human social life and institutions. The major is designed to offer its students training in critical thinking, analytical problem solving, reasoned judgment, and effective communication as well as broad knowledge of human relations and social systems, providing useful tools for a variety of careers. The curriculum and requirements are flexible enough to permit students to tailor their program to fit individual needs and interests. The undergraduate sociology program includes opportunities to put sociological ideas into practice through research by means of independent studies, theses, and internships.

**Student Learning Outcomes**

Upon completion of the sociology program, students should be able to:

- Make links between human action/consciousness and social forces/ social contexts. This will include identifying how human behavior and consciousness are shaped by the social and, in turn, how the social can be changed by individual behavior and collective action
- Identify and define major sociological concepts and apply these concepts to social reality. Examples of concepts include norms, roles, social institutions, social stratification, power, authority, class, gender, race, social capital, life course, social networks, and social control
- Propose an appropriate research design for studying a social phenomenon, including assessing the data and methods that would be appropriate for any given study of social phenomena

- Describe and compare several major theoretical perspectives used by sociologists (examples include functionalism, conflict theory, institutional theory, feminist theory, and symbolic interactionism), and be able to apply these perspectives to social phenomena (poverty, human capital, inequality, inter-group conflict, etc.)

**Requirements**

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).






Code	Title	Hours
<b>Core Requirements</b>		
SOCI 101 or SOCI 100	Sociological Perspectives (with a grade of C or better) <sup>1, H</sup> Sociological Perspective Through Documentary Film	3
SOCI 250 or SOCI 253	Sociological Theory Sociological Theory - Experiential	3
SOCI 251	Research Methods	3
SOCI 252	Data Analysis (taken during the junior year, if possible) <sup>2</sup>	3
Three SOCI electives numbered above 400 (upper-level). With permission of the director of undergraduate studies, one of the following courses may count as a 400-level elective:		9
SOCI 290	Special Topics in Sociology	
SOCI 396	Independent Study and Reading	
SOCI 691H	Senior Honors Research and Seminar	
SOCI 692H	Senior Honors Research and Seminar	
Two additional three-hour SOCI courses (six hours) <sup>3</sup>		6
<b>Total Hours</b>		<b>27</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> If possible, SOCI 101 should be taken by the end of the sophomore year.  
<sup>2</sup> Students who are double majoring in psychology and sociology may replace SOCI 252 with PSYC 210 plus (+) an additional 400-level SOCI course.  
<sup>3</sup> First-year seminars in sociology can count toward the major but may be taken only by first-year students.

Sociology (SOCI) course descriptions (p. 976).





University graduation credit will be given for only one in each of the following sets of courses:

Code	Title	Hours
SOCI 130 & SOCI 425	Family and Society and Family and Society, Junior/Senior Section	3
SOCI 250 & SOCI 253	 Sociological Theory and  Sociological Theory - Experiential	3
SOCI 273 & SOCI 274	 Social and Economic Justice, Experiential Education and Social and Economic Justice	3
SOCI 411 & SOCI 413	Social Movements and Social Movements, Experiential	3
SOCI 414 & SOCI 417	The City and Urbanization and  The City and Urbanization, Experiential Education	3
SOCI 423 & SOCI 426	 Sociology of Education, Experiential Education and Sociology of Education	3

## Courses in Career Areas

The sociology major provides an excellent foundation for many careers. We recommend the following clusters of courses for students with specific career goals in the following areas:


### Business and Industry

Code	Title	Hours
SOCI 131	Social Relations in the Workplace	3
SOCI 251	 Research Methods	3
SOCI 252	 Data Analysis	3
SOCI 410	 Formal Organizations and Bureaucracy	3
SOCI 415	Economy and Society	3
SOCI 427	 The Labor Force	3



### International Affairs and Development

Code	Title	Hours
SOCI 420	Political Sociology	3
SOCI 450	Theory and Problems of Developing Societies	3







### Education

Code	Title	Hours
SOCI 412	Social Stratification	3
SOCI 423	 Sociology of Education, Experiential Education	3
SOCI 426	Sociology of Education	3

### Law

Code	Title	Hours
SOCI 122	 Race and Ethnicity	3
SOCI 123	Crime and Delinquency	3
SOCI 133	Sociology of Politics	3
SOCI 273	 Social and Economic Justice, Experiential Education	3
SOCI 274	Social and Economic Justice	3
SOCI 420	Political Sociology	3
SOCI 424	Law and Society	3




## Public Policy

Code	Title	Hours
SOCI 133	Sociology of Politics	3
SOCI 251	 Research Methods	3
SOCI 252	 Data Analysis	3
SOCI 273	 Social and Economic Justice, Experiential Education	3
SOCI 274	Social and Economic Justice	3
SOCI 412	Social Stratification	3
SOCI 414	The City and Urbanization	3
SOCI 415	Economy and Society	3
SOCI 417	 The City and Urbanization, Experiential Education	3
SOCI 420	Political Sociology	3
SOCI 422	 Sociology of Mental Health and Illness	3
SOCI 424	Law and Society	3
SOCI 429	 Religion and Society	3
SOCI 431	Aging	3
SOCI 468	United States Poverty and Public Policy	3

## Community Service, Organizing, and Advocacy

Code	Title	Hours
SOCI 133	Sociology of Politics	3
SOCI 273	 Social and Economic Justice, Experiential Education	3
SOCI 274	Social and Economic Justice	3
SOCI 411	Social Movements	3
SOCI 412	Social Stratification	3
SOCI 413	Social Movements, Experiential	3
SOCI 427	 The Labor Force	3
SOCI 429	 Religion and Society	3
SOCI 468	United States Poverty and Public Policy	3

## Medicine and Public Health

Code	Title	Hours
SOCI 251	 Research Methods	3
SOCI 252	 Data Analysis	3
SOCI 422	 Sociology of Mental Health and Illness	3
SOCI 431	Aging	3
SOCI 468	United States Poverty and Public Policy	3
SOCI 469	Health and Society	3

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC-Chapel Hill in the fall term. Some courses may not be offered every term.

### Sample Plan One

First Year		Hours
<b>First-Year Foundations</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	First-Year Seminar if SOCI 100 First-Year Launch is not taken <sup>F</sup>	3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
SOCI 101 or SOCI 100	Sociological Perspectives <sup>H</sup> or Sociological Perspective Through Documentary Film	3
SOCI --	Sociology elective	3
<b>Hours</b>		<b>17</b>
<b>Sophomore Year</b>		
SOCI --	Sociology elective	3
SOCI 250	Sociological Theory	3
<b>Hours</b>		<b>6</b>
<b>Junior Year</b>		
SOCI 251	Research Methods (Fall semester)	3
SOCI 252	Data Analysis (Spring semester)	3
SOCI 4--	Sociology 400-level elective	3
<b>Hours</b>		<b>9</b>
<b>Senior Year</b>		
SOCI 4--	Sociology 400-level elective	3
SOCI 691H	Senior Honors Research and Seminar <sup>1</sup>	3
SOCI 692H	Senior Honors Research and Seminar <sup>1</sup>	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>38</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Sample Plan Two (Honors Track)

First Year		Hours
<b>First-Year Foundations</b>		
IDST 101	College Thriving	1
ENGL 105 or ENGL 105I	English Composition and Rhetoric or English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	First-Year Seminar if SOCI 100 First-Year Launch is not taken	3
Triple-I and Data Literacy (p. 1179)		4

Global Language through level 3 (p. 1180)		varies
<b>Major Courses</b>		
SOCI 101 or SOCI 100	Sociological Perspectives <sup>H</sup> or Sociological Perspective Through Documentary Film	3
SOCI --	Sociology elective	3
<b>Hours</b>		<b>17</b>
<b>Sophomore Year</b>		
SOCI --	Sociology elective	3
SOCI 250	Sociological Theory	3
<b>Hours</b>		<b>6</b>
<b>Junior Year</b>		
SOCI 251	Research Methods (Fall semester)	3
SOCI 252	Data Analysis (Spring semester)	3
SOCI 4--	Sociology 400-level elective	3
<b>Hours</b>		<b>9</b>
<b>Senior Year</b>		
SOCI 4--	Sociology 400-level elective	3
SOCI 691H	Senior Honors Research and Seminar <sup>1</sup>	3
SOCI 692H	Senior Honors Research and Seminar <sup>1</sup>	3
<b>Hours</b>		<b>9</b>
<b>Total Hours</b>		<b>41</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> SOCI 691H or SOCI 692H (but not both) can be counted as three (3) hours and a 400-level elective course.

## Special Opportunities in Sociology Honors in Sociology

The department attempts to identify and invite all qualified students to participate in the senior honors program. Students who are not contacted, especially double majors, transfer students, and students who declare their major in sociology relatively late in their college careers, are encouraged to speak with their major advisor or the department's honors advisor no later than the preregistration period during the second semester of their junior year.

To graduate with honors in sociology, a major must meet the following requirements:

- At least a 3.3 cumulative grade point average in major courses and all courses taken at the University
- Completion of an honors thesis based on independent study, which may involve collection of data by the student, under the supervision of a faculty thesis advisor
- Participation in an honors seminar program during the fall and spring semesters of the senior year.

Students may receive credit for one or both senior honors research and seminar courses (SOCI 691H and SOCI 692H) depending on the extent of their thesis work.

For more information on honors, contact the Sociology director of undergraduate studies and/or the assistant director, or visit the relevant page (<https://sociology.unc.edu/undergraduate-program/sociology-major/honors/>) on the department's website (<https://sociology.unc.edu/>).

## Student Clubs

The Sociology Club ([https://heellife.unc.edu/organization/sociology\\_club/](https://heellife.unc.edu/organization/sociology_club/)) is a student-run, student-driven organization that may provide relevant presentations, discussions, guidance, and/or service opportunities in sociology.

## Independent Study and Reading

SOCI 396 may be taken for one to three hours of course credit depending on the amount of academic work planned by the student. It is usually taken by juniors and seniors who have completed at least two or three courses in sociology. Students may use independent study to

- Do reading and research in an area in which no course is offered
- Take advanced or more specialized coursework in a specific area of sociology

After an area of study has been selected, the student contacts a faculty member in the department whose interests are in or related to the topic area. If the faculty member agrees to direct the student's independent study, the student needs final approval by the department's director of undergraduate studies. It is the student's and faculty supervisor's responsibility to determine the amount of reading and/or outside work to be done, the frequency with which the student's progress will be assessed, and the papers or examinations that will constitute the course requirements. An approved learning contract is necessary, and some written work involving sociological analysis is required to receive credit for SOCI 396. Students must sign up for SOCI 396 before the end of the first week of classes. For more information, visit the relevant page (<https://sociology.unc.edu/undergraduate-program/sociology-major/independent-study-and-internships/>) on the department's website (<https://sociology.unc.edu/>).

## Independent Experiential Internship

Students may combine employment and study in the form of an internship program for which they receive one to three academic credits through SOCI 393. The student must assume responsibility for employment arrangements. Students may not receive credit for paid employment. The student contacts a faculty member in the department whose interests are in or related to the area of the internship. If the faculty member agrees to direct the internship, the student needs final approval by the department's director of undergraduate studies. Credit is not provided for the internship alone; some written work involving sociological analysis is required to receive credit for SOCI 393. Because of the expectation that students doing an internship for academic credit will conduct substantive sociological analysis, it is very important that planning begin early. Students must secure all approvals for the contract before the first day of the internship. For more information, visit the relevant page (<https://sociology.unc.edu/undergraduate-program/sociology-major/independent-study-and-internships/>) on the department's website (<https://sociology.unc.edu/>).

## Undergraduate Research

Students interested in working with faculty on their research projects should contact the Office for Undergraduate Research (<http://our.unc.edu/>) for more information and also speak with the director of undergraduate studies for more direction.

## Undergraduate Howard W. Odum Award

The Undergraduate Howard W. Odum Award is presented yearly to a graduating senior who has displayed excellence in undergraduate sociological achievement. This award was established in 1967 in honor of Professor Howard Odum, who founded and first chaired the UNC–Chapel Hill Department of Sociology. Odum was a pioneer in American sociology and a major influence on the discipline. The department faculty selects the recipient of the annual award on the basis of grade records and other demonstrations of academic talent and accomplishment as an undergraduate.

## Department Programs

### Majors

- Sociology Major, B.A. (p. 985)
- Management and Society Major, B.A. (p. 988)

### Minor

- Health and Society Minor (p. 991)
- Social and Economic Justice Minor (p. 992)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)

## Contact Information

### Department of Sociology

Visit Program Website (<https://sociology.unc.edu/>)  
155 Hamilton Hall, CB# 3210  
(919) 962-1007

### Director of Undergraduate Studies

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### Assistant Director of Undergraduate Studies

Rene Iwo  
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### Chair

Kenneth (Andy) Andrews  
[kta1@email.unc.edu](mailto:kta1@email.unc.edu)

## Management and Society Major, B.A.

Management and society is an interdisciplinary major that focuses on the institutional context and inner workings of organizations. The major prepares students for a variety of positions in private or public-sector organizations. Additionally, many students find the curriculum to be excellent preparation for a variety of business-oriented graduate and professional degree programs.

Some students have combined management and society with majors in such academic disciplines as economics, sociology, psychology, public policy, history, and political science.

## Student Learning Outcomes

Upon completion of the management and society program, students should be able to:

- Identify different types of workplace conditions — e.g., the effects of communication, authority structure, levels of worker interdependence, and demographic characteristics of workers — and their consequences on worker morale and productivity
- Trace the history, implementation, and consequences of specific public policies affecting the workforces of businesses, nonprofit organizations, and governmental organizations
- Identify and explain general social, historical, and economic forces that affect job markets and job stability

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
The major in management and society consists of eight core courses grouped into the following four areas:		
Economics:		
ECON/MNGT 310	Microeconomics: Theory and Applications (by the end of the junior year)	3
or ECON 410	Intermediate Microeconomics	
Employer-employee relations: two courses from the options below: 6		
BUSI 405	Leading and Managing: An Introduction to Organizational Behavior	
COMM 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	
or COMM 223	Small Group Communication	
or COMM 325	Introduction to Organizational Communication	
MNGT/SOCI 131	Social Relations in the Workplace	
PSYC 260	Social Psychology <sup>H</sup>	
or SOCI 112	Social Interaction	
PSYC 531	Tests and Measurement	
Labor markets and social context of business: three courses from the options below: 9		
ECON/MNGT 380	The Economics of Labor Relations <sup>1</sup>	
MNGT/SOCI 427	The Labor Force	

ECON/MNGT 345	Public Policy Toward Business <sup>1</sup>	
MNGT/SOCI 410	Formal Organizations and Bureaucracy	
Additional courses: two additional courses from the options below:		6
ECON/MNGT 330	Economic History of the United States <sup>1</sup>	
HIST/MNGT 364	History of American Business	
HIST/MNGT 365	The Worker and American Life	
MNGT/SOCI 412	Social Stratification	
MNGT/SOCI 415	Economy and Society	
<b>Additional Requirements</b>		
One of the following math requirements:		3-4
MATH 152	Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	
STOR 113	Decision Models for Business and Economics	
PSYC 101	General Psychology <sup>F</sup>	3
ECON 101	Introduction to Economics <sup>H, F</sup>	4
HIST 128	American History since 1865	3
SOCI 101	Sociological Perspectives <sup>H</sup>	3
or SOCI 100	Sociological Perspective Through Documentary Film	
One of the following applied statistics courses:		3
ECON 400	Introduction to Data Science and Econometrics <sup>H</sup>	
PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	
SOCI 252	Data Analysis	
<b>Total Hours</b>		<b>43-44</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Double majors in economics and management and society may take ECON 445 instead of ECON 345, and ECON 480 instead of ECON 380.

Some of the core courses are cross-listed.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan

may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year		Hours
<b>First-Year Foundations:</b>		
IDST 101	College Thriving	1
ENGL 105	English Composition and Rhetoric	3
or ENGL 105I	English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>1</sup>		3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
<b>Major Courses:</b>		
ECON 101	Introduction to Economics <sup>H, F</sup>	4
PSYC 101	General Psychology <sup>F</sup>	3
SOCI 101	Sociological Perspectives <sup>H</sup>	3
or SOCI 100	Sociological Perspective Through Documentary Film	
One of the following:		3-4
MATH 152	Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	
STOR 113	Decision Models for Business and Economics	
<b>Hours</b>		<b>24-25</b>
<b>Sophomore Year</b>		
HIST 128	American History since 1865	3
Employee-Employer Relations course #1 (see course list) <sup>1</sup>		3
Employee-Employer Relations course #2 (see course list) <sup>1</sup>		3
Labor Markets and Social Context of Business course #1 (see course list)		3
<b>Hours</b>		<b>12</b>
<b>Junior Year</b>		
ECON 310	Microeconomics: Theory and Applications	3
or MNGT 310	Microeconomics: Theory and Applications	
or ECON 410	Intermediate Microeconomics	
ECON 400	Introduction to Data Science and Econometrics	3
or PSYC 210	Statistical Principles of Psychological Research	
or SOCI 252	Data Analysis	
Labor Markets and Social Context of Business course #2 (see course list)		3
Additional course #1 (see course list)		3
<b>Hours</b>		<b>12</b>
<b>Senior Year</b>		
Labor Markets and Social Context of Business course #3 (see course list)		3

Additional course #2 (see course list)	3
<b>Hours</b>	<b>6</b>
<b>Total Hours</b>	<b>54-55</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> First-Year Seminar or First-Year Launch in the major (e.g., SOCI 100, MATH 231, ECON 101).

<sup>2</sup> If hoping to take BUSI 405, students will need to apply for the course a full semester in advance through the Business School.

## Special Opportunities in Management and Society

### Honors in Management and Society

A student may, as a result of distinguished work (3.3 grade point average or higher), be awarded a degree with honors or highest honors. This requires completion of a senior honors thesis. Interested students should contact the Sociology director of undergraduate studies and/or assistant director for more information. Honors students should enroll in MNGT 691H and MNGT 692H (or the SOCI equivalent of these courses) during the fall and spring semesters of their senior year. MNGT 692H will fulfill one of the course requirements from the social context of business group listed above. For more information, visit the relevant page (<https://sociology.unc.edu/undergraduate-program/sociology-major/honors/>) on the department's website (<https://sociology.unc.edu/>).

### Student Clubs

The Sociology Club is a student-run, student-driven organization that may provide relevant presentations, discussions, guidance, and/or service opportunities in sociology and adjacent fields, including management and society.

### Independent Study and Reading

SOCI 396 may be taken for one to three hours of course credit depending on the amount of academic work planned by the student. It is usually taken by juniors and seniors who have completed at least two or three courses in sociology. Students may use independent study to

- Do reading and research in an area in which no course is offered
- Take advanced or more specialized coursework in a specific area of sociology

After an area of study has been selected, the student contacts a faculty member in the department whose interests are in or related to the topic area. If the faculty member agrees to direct the student's independent study, the student needs final approval by the department's director of undergraduate studies. It is the student's and faculty supervisor's responsibility to determine the amount of reading and/or outside work to be done, the frequency with which the student's progress will be assessed, and the papers or examinations that will constitute the course requirements. An approved learning contract is necessary, and some

written work involving sociological analysis is required to receive credit for SOCI 396. Students must sign up for SOCI 396 before the end of the first week of classes. For more information, visit the relevant page (<https://sociology.unc.edu/undergraduate-program/management-and-society-major/independent-study-and-internships/>) on the department's website (<https://sociology.unc.edu/>).

## Independent Experiential Internship

Students may combine employment and study in the form of an internship program for which they receive one to three academic credits through SOCI 393. The student must assume responsibility for employment arrangements. Students may not receive credit for paid employment. The student contacts a faculty member in the department whose interests are in or related to the area of the internship. If the faculty member agrees to direct the internship, the student needs final approval by the department's director of undergraduate studies. Credit is not provided for the internship alone; some written work involving sociological analysis is required to receive credit for SOCI 393. Because of the expectation that students doing an internship for academic credit will conduct substantive sociological analysis, it is very important that planning begin early. Students must secure all approvals for the contract before the first day of the internship. For more information, visit the relevant page (<https://sociology.unc.edu/undergraduate-program/management-and-society-major/independent-study-and-internships/>) on the department's website (<https://sociology.unc.edu/>).

## Undergraduate Research

Students interested in working with faculty on their research projects should contact the Office for Undergraduate Research (<http://our.unc.edu/>) for more information and also speak with the director of undergraduate studies.

## Department Programs

### Majors

- Sociology Major, B.A. (p. 985)
- Management and Society Major, B.A. (p. 988)

### Minor

- Health and Society Minor (p. 991)
- Social and Economic Justice Minor (p. 992)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)

## Contact Information

### Department of Sociology

Visit Program Website (<https://sociology.unc.edu/>)  
155 Hamilton Hall, CB# 3210  
(919) 962-1007

### Director of Undergraduate Studies

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### Assistant Director of Undergraduate Studies

Rene Iwo

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### Chair

Kenneth (Andy) Andrews  
[kta1@email.unc.edu](mailto:kta1@email.unc.edu)







## Health and Society Minor

The minor in health and society provides students with an opportunity to examine contemporary health patterns and trends characterizing U.S. society and societies around the world, as well as sociologically based explanations for those patterns and trends. It also provides students with an understanding of the social construction of health and illness in modern societies. The minor brings together courses focused specifically on linkages between health and society, along with courses focused on social organization and social stratification, to provide students with insights into the ways that societies define health and illness and how social organization and stratification influence population health.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
SOCI 101	 Sociological Perspectives <sup>H</sup>	3
SOCI 172	 Introduction to Population Health in the United States	3
	or SOCI 180 Introduction to Global Population Health	
SOCI 422	 Sociology of Mental Health and Illness	3
SOCI 469	Health and Society	3
One elective course chosen from the following list:		3
SOCI 121	Population Problems	
SOCI 122	 Race and Ethnicity	
SOCI 124	 Sex and Gender in Society	
SOCI 125	Sociology of Sexualities	
SOCI 130	Family and Society	
SOCI 133	Sociology of Politics	
SOCI 274	Social and Economic Justice	
SOCI 277	Societies and Genomics	
SOCI 410	 Formal Organizations and Bureaucracy	
SOCI 411	Social Movements	
SOCI 412	Social Stratification	
SOCI 414	The City and Urbanization	
SOCI 415	Economy and Society	
SOCI 420	Political Sociology	
SOCI 424	Law and Society	
SOCI 431	Ageing	
SOCI 433	Immigration in Contemporary America	
SOCI 444	Race, Class, and Gender	

SOCI 468 United States Poverty and Public Policy

**Total Hours****15**

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

This minor is open to all undergraduate students. For sociology (p. 985) majors and management and society (p. 988) majors, no more than 45 hours of SOCI course credit may be used toward fulfilling the B.A. graduation requirement in the College of Arts and Sciences.

## Department Programs

### Majors

- Sociology Major, B.A. (p. 985)
- Management and Society Major, B.A. (p. 988)

### Minor

- Health and Society Minor (p. 991)
- Social and Economic Justice Minor (p. 992)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)

## Contact Information

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### Chair

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[kta1@email.unc.edu](mailto:kta1@email.unc.edu)

## Social and Economic Justice Minor




The minor in social and economic justice is designed for students who want to understand how to think analytically about issues of justice and how perspectives on justice can be joined with the pursuit of it. An overarching objective is fostering attitudes and knowledge about human rights; racial, ethnic, and gender equality; economic justice; democratic participation; sustainable development; diversity; and peace. It is especially appropriate for students who anticipate working in advocacy roles in nonprofit organizations, in local communities, or in governmental organizations. In these inquiries about justice, students engage scholarship in a variety of disciplines and traditions of practice.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
One core course chosen from:		3
GEOG/PWAD 453	 Political Geography	
GEOG/WGST 225	Space, Place, and Difference	
PHIL 273	 Justice, Rights, and the Common Good: Philosophical Perspectives on Social and Economic Issues	
SOCI 273	 Social and Economic Justice, Experiential Education	
SOCI 274	Social and Economic Justice	
Three additional courses that cover at least two different areas (listed below) <sup>1</sup>		9
<b>Total Hours</b>		<b>12</b>

<sup>1</sup> Depending on the topic, independent study, special topics, and internship courses may be approved to fulfill the requirements for the minor with the explicit permission of the director.

A student may major in sociology and minor in social and economic justice; however, a student cannot count toward graduation more than 45 hours in SOCI courses. All college requirements about minors apply.

### Service Learning Component

Students are required to complete one service-learning experience, a requirement that can be met in one of three ways.

1. A student may take a course that includes a service-learning (APPLES) component.
2. After seeking and receiving the approval of the director of the minor, a student may take a one- to three-credit independent studies or special topics course (summer or academic term) with a faculty member.
3. A student may participate in the two-credit spring break course, HBEH 610, which meets the service-learning requirement but not a course requirement.

Note that core courses do not necessarily contain a service-learning component; check ConnectCarolina each semester to confirm that courses are listed as APPLES courses.

Thus, the minor is fulfilled with 12 to 13 credits, depending on whether the service-learning requirement is part of a three-credit course or is fulfilled in another way.



## Understanding Justice

Code	Title	Hours
AAAD 260	Blacks in Latin America	3
AAAD 232/ WGST 266	 Black Women in America	3
ANTH 350	Anthropology of the State, Civil Society, and Politics	3
ANTH 422	Anthropology and Human Rights	3
ANTH 539	 Environmental Justice	3
ASIA/GEOG 267	 South Asia	3
EDUC 375	 Identity and Sexuality	3
EDUC 415	Schooling of Immigrant Children	3
EDUC 533	 Social Justice in Education	3
ENGL 271	 Mixed-Race America: Race in Contemporary American Literature and Culture	3
GEOG 259	 Society and Environment in Latin America	3
GEOG 448	Transnational Geographies of Muslim Societies	3
GEOG/PLAN 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
GLBL 383	 Global Whiteness	3
GLBL 487	 Social Movements: Rethinking Globalization <sup>H</sup>	3
HIST 142	 Latin America under Colonial Rule	3
HIST 143	 Latin America since Independence	3
PHIL 163	 Practical Ethics: Moral Reasoning and How We Live <sup>H</sup>	3
PHIL 170	 Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought <sup>H</sup>	3
PHIL 274	 Race, Racism, and Social Justice: African-American Political Philosophy <sup>H</sup>	3
PHIL 280	 Morality, Law, and Justice: Issues in Legal Philosophy <sup>H</sup>	3
PHIL 480	Philosophy of Law	3
PHIL/WGST 275	 Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3
PLCY/WGST 365	 Sexuality, Gender, and Public Policy	3
POLI 203	 Race, Innocence, and the Decline of the Death Penalty	4
POLI 206	 Race and the Right to Vote in the United States	3
POLI 276	 Major Issues in Political Theory <sup>H</sup>	3
POLI 411	Civil Liberties under the Constitution <sup>H</sup>	3
POLI 472	Problems of Modern Democratic Theory <sup>H</sup>	3
POLI/WGST 265	 Feminism and Political Theory	3
SOCI 64	 First-Year Seminar: Equality of Educational Opportunity Then and Now	3
SOCI 122	 Race and Ethnicity	3
SOCI 414	The City and Urbanization	3
SOCI 417	 The City and Urbanization, Experiential Education	3



















SOCI 424	Law and Society	3
SOCI 430	Sociology of Food and Food Justice	3
SOCI 469	Health and Society	3
SOCI/WGST 444	Race, Class, and Gender	3
SOWO 491	Community Organizing for Social Change	4
WGST 388	 The International Politics of Sexual and Reproductive Health	3
WGST 382/ HIST 385	 African American Women's History	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Have departmental requirements that may or may not be waived. Students should consult course descriptions and discuss requirements with the instructor.

## Justice in Action















Code	Title	Hours
AAAD 403	 Human Rights: Theories and Practices in Africa	3
AMST 398	 Service Learning in America	3
ANTH 142	 Local Cultures, Global Forces <sup>H</sup>	3
ANTH 240	Action Research	3
ANTH/GEOG/ GLBL/HIST/POLI 210	 Global Issues and Globalization	3
COMM 53	 First-Year Seminar: Collective Leadership Models for Community Change	3
COMM 260	Introduction to Performance and Social Change	3
COMM 372	The Rhetoric of Social Movements	3
COMM 625	 Communication and Nonprofits in the Global Context	3
COMM 650	Cultural Politics of Global Media Economies	3
COMM/ENEC 375	Environmental Advocacy	3
DRAM 288	 Theatre for Social Change	3
ECON 465	 Economic Development <sup>1</sup>	3
EDUC 506	 Politics, Policymaking, and America's Schools	3
GEOG 56	 First-Year Seminar: Local Places in a Globalizing World	3
GEOG 429	 Urban Political Geography: Durham, NC	3
GEOG 458	Urban Latin America: Politics, Economy, and Society <sup>1</sup>	3
GEOG 650	 Technology and Democracy Research	3
GLBL 487	 Social Movements: Rethinking Globalization <sup>H</sup>	3
HIST/MNGT 365	The Worker and American Life	3
MEJO 141	 Media Ethics	3
MEJO 340	Introduction to Media Law: Journalism Focus	3
PLCY 75	 First-Year Seminar: Debates in Public Policy and Racial Inequality	3
PLCY 361	Health Policy in the United States	3

SOCI 393	 Independent Experiential Internship (3 credits required for the minor)	1-3	ENGL 265	 Literature and Race, Literature and Ethnicity <sup>H</sup>	3
SOCI 411	Social Movements	3	ENGL 269	 Introduction to Disability Studies	3
SOCI 413	Social Movements, Experiential	3	ENGL/WGST 363	 Feminist Literary Theory <sup>H</sup>	3
SOWO 490	Preprofessional Special Topic	1-6	ENGL 386	 Gender, Sexuality, and the South Asian Diaspora	3
SOWO 492	 Seminar in Service Learning	1-6	GEOG 123	 Cultural Geography	3
WGST 281	 Gender and Global Change	3	GEOG 130	 Development and Inequality: Global Perspectives <sup>F</sup>	3
WGST 340	 Leadership in Violence Prevention	3	GEOG 232	 Agriculture, Food, and Society	3
WGST 350	 Spitting in the Wind: "American" Women, Art, and Activism	3	GEOG 435	 Global Environmental Justice	3
WGST 368	Women of Color in Contemporary United States Social Movements	3	GEOG 452	Mobile Geographies: The Political Economy of Migration	3
WGST 410	 Comparative Queer Politics	3	GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
WGST 465	 Gender, (Im)migration, and Labor in Latina Literature	3	GEOG 460	 Geographies of Economic Change	3
WGST 583	Gender and Imperialism	3	GEOG 470	 Political Ecology: Geographical Perspectives	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Have departmental requirements that may or may not be waived. Students should consult course descriptions and discuss requirements with the instructor.

## The Context of Justice

Code	Title	Hours	Code	Title	Hours
AMST 294	American Studies Seminar on Aesthetic Perspective	3	HIST/WGST 280	 Women and Gender in Latin American History	3
AMST/HIST 110	 Introduction to the Cultures and Histories of Native North America	3	HIST 383	Big-Time College Sports and the Rights of Athletes, 1874 to the Present	3
ANTH 120	Anthropology through Expressive Cultures	3	HIST 589	Race, Racism, and America: (United States) Law in Historical Perspective	3
ANTH/PWAD 280	 Anthropology of War and Peace	3	MEJO 441	Diversity and Communication	3
ANTH 540	Planetary Crises and Ecological and Cultural Transitions	3	MEJO/WGST 442	Gender, Class, Race, and Mass Media	3
ASIA/HIST/PWAD 277	 The Conflict over Israel/Palestine	3	PLCY/PWAD/GLBL 110	 Global Policy Issues <sup>H</sup>	3
ASIA/RELI 486	 Islam and Feminism/Islamic Feminism	3	PLCY 340	 Justice in Public Policy <sup>H</sup>	3
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3	PLCY 349	Immigration Policy in the 21st Century	3
COMM 140	Introduction to Media History, Theory, and Criticism <sup>H</sup>	3	PLCY/AAAD 354	The Lived Experience of Inequality and Public Policy	3
COMM/PWAD 355	Terrorism and Political Violence	3	PLCY/WGST 365	 Sexuality, Gender, and Public Policy	3
COMM 576	Making and Manipulating "Race" in the United States	3	POLI/WGST 217	 Women and Politics	3
COMM 624	 Hate Speech	3	SOCI 420	Political Sociology	3
ECON 480	Labor Economics <sup>1</sup>	3	SOCI 423	 Sociology of Education, Experiential Education	3
ECON 586	Economics and Life: Applying Economics to Life's Big Questions <sup>1</sup>	3	SOCI 426	Sociology of Education	3
ECON/EURO/PWAD 460	 International Economics <sup>1</sup>	3	SOCI 468	United States Poverty and Public Policy	3
EDUC 615	Schools and Community Collaboration	3	SOCI/MNGT 412	Social Stratification	3
			SOCI/WGST 124	 Sex and Gender in Society	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Have departmental requirements that may or may not be waived. Students should consult course descriptions and discuss requirements with the instructor.

See the program page here (p. 985) for special opportunities.

## Department Programs

### Majors

- Sociology Major, B.A. (p. 985)
- Management and Society Major, B.A. (p. 988)

### Minor

- Health and Society Minor (p. 991)
- Social and Economic Justice Minor (p. 992)

### Graduate Programs

- M.A. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)
- Ph.D. in Sociology (<http://catalog.unc.edu/graduate/schools-departments/sociology/>)

## Contact Information

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## Department of Statistics and Operations Research

### Introduction

The major in statistics and analytics (STAN) is an excellent program for students interested in statistical data science, operations research, and actuarial science, as well as in fields such as business, economics, public policy and health, psychology, and biomedicine, where the decision and statistical sciences play an increasingly important role.

Particular areas in which graduates can obtain employment or continue with graduate study include:

### Statistics

Students in this area study the mathematical theories of probability and statistics and their application to mathematical models that contain an element of uncertainty or randomness. Opportunities for employment are manifold in businesses and government agencies, and include a broad range of areas from the natural sciences, social sciences, and technology. Concrete examples include pharmacology, genomics, medicine, environmental sciences, social network analysis, and information technology.

### Operations Research

In this area, students study mathematical, statistical, and computational techniques related to decision making. Operations research is crucial in business, government, and other management areas where decisions are made by solving large, complex problems (for example, crew scheduling for airlines, and the design of online recommendation systems). In addition to their major courses, students interested in this field are encouraged to take courses in business and economics.

### Actuarial Science

Actuaries work primarily in businesses that involve financial risk, including the insurance industry. Students interested in this field take advanced courses in statistics, stochastic processes, and the mathematical theory of risk.

### Advising

All majors and minors have a primary academic advisor in Steele Building. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. STAN majors and minors are also encouraged to meet with departmental advisors to discuss course planning before registration each semester. The director of undergraduate studies works with prospective majors and minors by appointment. Additional information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<http://www.stat-or.unc.edu/>) or by contacting the director of undergraduate studies.

## Courses for Students from Other Departments

The Department of Statistics and Operations Research offers a variety of courses of potential value to students majoring in other disciplines. Introductory courses include STOR 113 and STOR 215, which are foundation courses in decision models, and the basic statistical courses, STOR 120 and STOR 155. At the intermediate level, STOR 305 provides an introduction to business decision models, while STOR 320 is an introductory course to data science. Substantial coverage of applied statistical methods is provided in STOR 455 and STOR 556. At more advanced mathematical levels, an introduction to probability theory is provided by STOR 435 (or STOR 535), an introduction to proof techniques and discrete mathematics is given in STOR 315, and the basic theory of statistical inference is given by STOR 555. More advanced deterministic and stochastic models of operations research are provided in STOR 415 and STOR 445. Machine learning is covered in STOR 565 and STOR 566.

## Graduate School and Career Opportunities

Regardless of the electives chosen, the statistics and analytics degree program provides excellent preparation for graduate study. Graduates with concentrations in operations research or statistics often continue work at the graduate level in those fields or related areas such as industrial engineering, biostatistics, and environmental science, or enter business school to pursue a master's in business administration (M.B.A.) degree.

A five-year B.S.–M.S. degree program in statistics, operations research and data science is also an option. Interested students should consult the director of graduate studies for the operations research program.

Graduates of the statistics and analytics program will find numerous opportunities for well-paid, challenging jobs.

## Major

- Statistics and Analytics Major, B.S. (p. 1002)

## Minor

- Data Science Minor (p. 1006)
- Statistics and Analytics Minor (p. 1005)

## Graduate Programs

- M.S. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)
- Ph.D. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)

## Professors

Nilay Argon, Shankar Bhamidi, Amarjit Budhiraja, Jan Hannig, Vidyadhar G. Kulkarni, Yufeng Liu, James Stephen Marron, Andrew Nobel, Mariana Olvera-Cravioto, Gabor Pataki, Vladas Pipiras, Richard L. Smith, Serhan Ziya.

## Associate Professors

Sayan Banerjee, Chuanshu Ji, Quoc Tran-Dinh, Kai Zhang.

## Assistant Professors

Guanting Chen, Nicolas Fraiman, Xiangying Huang, Yao Li, Michael O'Neill, Zhengwu Zhang.

## Teaching Associate Professor

Jeffrey McLean.

## Teaching Assistant Professors

Oluremi Abayomi, Charles Dunn, Mario Giacomazzo, William Lassiter.

## Joint Professors

Joseph Ibrahim, Michael Kosorok, Jayashankar Swaminathan.

## Professors Emeriti

George S. Fishman, Douglas G. Kelly, J. Scott Provan, David S. Rubin, Gordon D. Simons, Walter L. Smith, Shaler Stidham Jr., Jon W. Tolle.

## STOR—Statistics and Operations Research Undergraduate-level Courses

### STOR 52. First-Year Seminar: Decisions, Decisions, Decisions. 3 Credits.

In this course, we will investigate the structure of these decision problems, show how they can be solved (at least in principle), and solve some simple problems.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

### STOR 53. FYS: Networks: Degrees of Separation and Other Phenomena Relating to Connected Systems. 3 Credits.

Networks, mathematical structures that are composed of nodes and a set of lines joining the nodes, are used to model a wide variety of familiar systems.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

### STOR 54. First-Year Seminar: Adventures in Statistics. 3 Credits.

This seminar aims to show that contrary to common belief, statistics can be exciting and fun. The seminar will consist of three modules: statistics in our lives, randomness, and principles of statistical reasoning.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

### STOR 55. First-Year Seminar: Risk and Uncertainty in the Real World. 3 Credits.

The aim of this class is to study the role of uncertainty in our daily lives, to explore the cognitive biases that impair us, and to understand how one uses quantitative models to make decisions under uncertainty in a wide array of fields including medicine, law, finance, and the sciences.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

### STOR 56. First-Year Seminar: The Art and Science of Decision Making in War and Peace. 3 Credits.

This seminar will use recently assembled historical material to tell the exciting story of the origins and development of operations research during and after World War II.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

### STOR 60. First-Year Seminar: Statistical Decision-Making Concepts. 3 Credits.

We will study some basic statistical decision-making procedures and the errors and losses they lead to. We will analyze the effects of randomness on decision making using computer experimentation and physical experiments with real random mechanisms like dice, cards, and so on.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **STOR 61. First-Year Seminar: Statistics for Environmental Change. 3 Credits.**

Studies the Environmental Protection Agency's Criteria Document, mandated by the Clean Air Act; this document reviews current scientific evidence concerning airborne particulate matter. Students learn some of the statistical methods used to assess the connections between air pollution and mortality, and prepare reports on studies covered in the Criteria Document.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **STOR 62. First-Year Seminar: Probability and Paradoxes. 3 Credits.**

The theory of probability, which can be used to model the uncertainty and chance that exist in the real world, often leads to surprising conclusions and seeming paradoxes. We survey and study these, along with other paradoxes and puzzling situations arising in logic, mathematics, and human behavior.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **STOR 63. FYS: Statistics, Biostatistics, and Bioinformatics: An Introduction to the Ongoing Evolution. 3 Credits.**


This course is designed to emphasize the motivation, philosophy, and cultivation of statistical reasoning in the interdisciplinary areas of statistical science and bioinformatics.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **STOR 64. First-Year Seminar: A Random Walk down Wall Street. 3 Credits.**

Introduces basic concepts in finance and economics, useful tools for collecting and summarizing financial data, and simple probability models for quantification of market uncertainty.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **STOR 66. First-Year Seminar: Visualizing Data. 3 Credits.**


This seminar looks at a variety of ways in which modern computational tools allow easy and informative viewing of data. Students will also study the kinds of choices that have to be made in data presentation and viewing.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **STOR 72. First-Year Seminar: Unlocking the Genetic Code. 3 Credits.**

Introduces students to the world of genetics and DNA and to the use of computers to organize and understand the complex systems associated with the structure and dynamics of DNA and heredity.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

 **STOR 89. First-Year Seminar: Special Topics. 3 Credits.**

Special Topics Course. Contents will vary each semester.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

 **STOR 113. Decision Models for Business and Economics. 3 Credits.**

An introduction to multivariable quantitative models in economics. Mathematical techniques for formulating and solving optimization and equilibrium problems will be developed, including elementary models under uncertainty.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 110.

**Grading Status:** Letter grade.

 **STOR 115. Reasoning with Data: Navigating a Quantitative World. 3 Credits.**

Students will use mathematical and statistical methods to address societal problems, make personal decisions, and reason critically about the world. Authentic contexts may include voting, health and risk, digital humanities, finance, and human behavior. This course does not count as credit towards the psychology or neuroscience majors.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

**Same as:** MATH 115, BIOL 115, PSYC 115.

 **STOR 120. Foundations of Statistics and Data Science. 4 Credits.**

The course teaches critical concepts and skills in computer programming and statistical inference, in conjunction with hands-on analysis of real-world datasets, including economic data, document collections, geographical data, and social networks. It delves into social issues surrounding data analysis such as privacy and design.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-QUANT.

**Making Connections Gen Ed:** QR.

**Grading Status:** Letter grade.

**STOR 151. Introduction to Data Analysis. 3 Credits.**

Elementary introduction to statistical reasoning, including sampling, elementary probability, statistical inference, and data analysis. STOR 151 may not be taken for credit by students who have credit for ECON 400 or PSYC 210.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 110.

**Grading Status:** Letter grade.

**STOR 155. Introduction to Data Models and Inference. 3 Credits.**

Data analysis; correlation and regression; sampling and experimental design; basic probability (random variables, expected values, normal and binomial distributions); hypothesis testing and confidence intervals for means, proportions, and regression parameters; use of spreadsheet software.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 110.

**Grading Status:** Letter grade.

**STOR 190. Special Topics. 3 Credits.**

Examines selected topics from statistics and operations research. Course description is available from the department office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**STOR 215. Foundations of Decision Sciences. 3 Credits.**

Introduction to basic concepts and techniques of discrete mathematics with applications to business and social and physical sciences. Topics include logic, sets, functions, combinatorics, discrete probability, graphs, and networks.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QR.

**Requisites:** Prerequisite, MATH 110.

**Grading Status:** Letter grade.

**STOR 235. Mathematics for Data Science. 4 Credits.**

This course introduces students to some of the key mathematical tools underlying algorithmic data science. The primary focus of the course is matrix algebra and multivariable calculus. The mathematical topics covered in the course will be motivated and connected by concrete applications in data science, with an emphasis on machine learning and optimization.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Requisites:** Prerequisites, MATH 231 and MATH 232.

**Grading Status:** Letter grade.

**Same as:** MATH 235.

**STOR 290. Special Topics. 3 Credits.**

Examines selected topics from statistics and operations research. Course description is available from the department office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**STOR 291. Undergraduate Learning Assistantship. 1 Credits.**

Experience includes preparations, demonstrations, assistance, and attendance at weekly meetings and lab sections. This course will enable you to deepen your understanding of topics in statistics and data science by learning the material with an eye toward explaining it to other less-experienced students, and; develop pedagogical skills, such as developing a rapport with learners, engaging in clear oral and written communication, and taking the perspective of less experienced students.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Requisites:** Prerequisite, STOR 120 grade of A- or higher.

**Repeat Rules:** May be repeated for credit. 7 total credits. 7 total completions.

**Grading Status:** Pass/Fail.

**STOR 305. Introduction to Decision Analytics. 3 Credits.**

The use of mathematics to describe and analyze large-scale decision problems. Situations involving the allocation of resources, making decisions in a competitive environment, and dealing with uncertainty are modeled and solved using suitable software packages. Students cannot enroll in STOR 305 if they have already taken STOR 415.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, STOR 120, 155, or MATH 152.

**Grading Status:** Letter grade.

**STOR 315. Discrete Mathematics for Data Science. 4 Credits.**

The course gives a solid introduction to rigorous mathematical thinking and problem solving, all of which are fundamental in data science. It covers proofs, mathematical induction, counting, and the basics of graph theory.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT.

**Requisites:** Prerequisite, MATH 232.

**Grading Status:** Letter grade.

**STOR 320. Introduction to Data Science. 4 Credits.**

Development of basic skill set for data analysis from obtaining data to data carpentry, exploration, modeling, and communication. Topics covered include regression, clustering, classification, algorithmic thinking, and non-standard data objects (networks and text data). Students may not receive credit for both STOR 320 and STOR 520.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-QUANT, FC-LAB.

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, STOR 120 or 155.

**Grading Status:** Letter grade.

**STOR 358. Sample Survey Methodology. 4 Credits.**

Fundamental principles and methods of sampling populations, with emphasis on simple, random, stratified, and cluster sampling. Sample weights, nonsampling error, and analysis of data from complex designs are covered. Practical experience through participation in the design, execution, and analysis of a sampling project.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisite, BIOS 650; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** BIOS 664.

**STOR 390. Special Topics in Statistics and Operations Research. 3 Credits.**

Examines selected topics from statistics and operations research. Course description is available from the department office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****STOR 415. Introduction to Optimization. 3 Credits.**

Linear, integer, nonlinear, and dynamic programming, classical optimization problems, network theory.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 347 and STOR 315.

**Grading Status:** Letter grade.

**STOR 435. Introduction to Probability. 3 Credits.**

Introduction to mathematical theory of probability covering random variables; moments; binomial, Poisson, normal and related distributions; generating functions; sums and sequences of random variables; and statistical applications. Students may not receive credit for both STOR 435 and STOR 535.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisites, MATH/STOR 235 or MATH 233; and STOR 215 or MATH 381 or COMP 283.

**Grading Status:** Letter grade.

**Same as:** MATH 535.

**STOR 445. Stochastic Modeling. 3 Credits.**

Introduction to Markov chains, Poisson process, continuous-time Markov chains, renewal theory. Applications to queueing systems, inventory, and reliability, with emphasis on systems modeling, design, and control.

**Rules & Requirements**

**Requisites:** Prerequisite, BIOS 660, STOR 435 or 535.

**Grading Status:** Letter grade.

**STOR 455. Methods of Data Analysis. 3 Credits.**

Review of basic inference; two-sample comparisons; correlation; introduction to matrices; simple and multiple regression (including significance tests, diagnostics, variable selection); analysis of variance; use of statistical software.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 120, or 155.

**Grading Status:** Letter grade.

**STOR 471. Long-Term Actuarial Models. 3 Credits.**

Probability models for long-term insurance and pension systems that involve future contingent payments and failure-time random variables. Introduction to survival distributions and measures of interest and annuities-certain.

**Rules & Requirements**

**Making Connections Gen Ed:** QI.

**Requisites:** Prerequisite, STOR 435, or 535.

**Grading Status:** Letter grade.

**STOR 472. Short Term Actuarial Models. 3 Credits.**

Short term probability models for potential losses and their applications to both traditional insurance systems and conventional business decisions. Introduction to stochastic process models of solvency requirements.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 435, or 535.

**Grading Status:** Letter grade.

**STOR 475. Healthcare Risk Analytics. 3 Credits.**

This course will introduce students to the healthcare industry and provide hands-on experience with key actuarial and analytical concepts that apply across the actuarial field. Using real world situations, the course will focus on how mathematics and the principles of risk management are used to help insurance companies and employers make better decisions regarding employee benefit insurance products and programs.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 435, or 535.

**Grading Status:** Letter grade.


**STOR 490. Special Topics. 3 Credits.**

Examines selected topics from statistics and operations research. Course description is available from the department office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **STOR 493. Internship in Statistics and Operations Research. 3 Credits.**

Requires permission of the department. Statistics and analytics majors only. An opportunity to obtain credit for an internship related to statistics, operations research, or actuarial science. Pass/Fail only. Does not count toward the statistics and analytics major or minor.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Pass/Fail.

 **STOR 496. Undergraduate Reading and Research in Statistics and Operations Research. 1-3 Credits.**

Permission of the director of undergraduate studies. This course is intended mainly for students working on honors projects. May be repeated for credit.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**STOR 515. Dynamic Decision Analytics. 3 Credits.**

An introduction to algorithms and modeling techniques that use knowledge gained from prior experience to make intelligent decisions in real time. Topics include Markov decision processes, dynamic programming, multiplicative weights update, exploration vs. exploitation, multi-armed bandits, and two player games.

**Rules & Requirements**

**Requisites:** Prerequisites, STOR 435 or 535, and MATH 347.

**Grading Status:** Letter grade.

**STOR 520. Statistical Computing for Data Science. 4 Credits.**

This course provides hands-on experience working with data sets provided in class and downloaded from certain public websites. Lectures cover basic topics such as R programming, visualization, data wrangling and cleaning, exploratory data analysis, web scraping, data merging, predictive modeling, and elements of machine learning. Programming analyses in more advanced areas of data science. Students may not receive credit for both STOR 320 and STOR 520.

**Rules & Requirements**

**Requisites:** Prerequisites, STOR 435 or 535, and STOR 455.

**Grading Status:** Letter grade.

**STOR 535. Probability for Data Science. 3 Credits.**

This course is an advanced undergraduate course in probability with the aim to give students the technical and computational tools for advanced courses in data analysis and machine learning. It covers random variables, moments, binomial, Poisson, normal and related distributions, generating functions, sums and sequences of random variables, statistical applications, Markov chains, multivariate normal and prediction analytics. Students may not receive credit for both STOR 435 and STOR 535.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH/STOR 235 or MATH 233; and STOR 215 or MATH 381 or COMP 283.

**Grading Status:** Letter grade.

**STOR 538. Sports Analytics. 3 Credits.**

This course will survey the history of sports analytics across multiple areas and challenge students in team-based projects to practice sports analytics. Students will learn how applied statistics and mathematics help decision makers gain competitive advantages for on-field performance and off-field business decisions.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 320 or STOR 455.

**Grading Status:** Letter grade.

**STOR 555. Mathematical Statistics. 3 Credits.**

Functions of random samples and their probability distributions, introductory theory of point and interval estimation and hypothesis testing, elementary decision theory.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 435, or 535.

**Grading Status:** Letter grade.

**STOR 556. Time Series Data Analysis. 3 Credits.**

This course covers the fundamental theory and methods for time series data, as well as related statistical software and real-world data applications. Topics include the autocorrelation function, estimation and elimination of trend and seasonality, estimation and forecasting procedures in ARMA models and nonstationary time series models.

**Rules & Requirements**

**Requisites:** Prerequisites, STOR 435 or 535, and STOR 455.

**Grading Status:** Letter grade.

**STOR 557. Advanced Methods of Data Analysis. 3 Credits.**

The course covers advanced data analysis methods beyond those in STOR 455 and how to apply them in a modern computer package, specifically R or R-Studio which are the primary statistical packages for this kind of analysis. Specific topics include (a) Generalized Linear Models; (b) Random Effects; (c) Bayesian Statistics; (d) Nonparametric Methods (kernels, splines and related techniques).

**Rules & Requirements**

**Requisites:** Prerequisites, STOR 435 or 535, and STOR 455.

**Grading Status:** Letter grade.



**STOR 565. Machine Learning. 3 Credits.**

Introduction to theory and methods of machine learning including classification; Bayes risk/rule, linear discriminant analysis, logistic regression, nearest neighbors, and support vector machines; clustering algorithms; overfitting, estimation error, cross validation.

**Rules & Requirements**

**Requisites:** Prerequisites, STOR 215 or MATH 381, and STOR 435 or 535.

**Grading Status:** Letter grade.

**STOR 566. Introduction to Deep Learning. 3 Credits.**

Deep neural networks (DNNs) have been widely used for tackling numerous machine learning problems that were once believed to be challenging. With their remarkable ability of fitting training data, DNNs have achieved revolutionary successes in many fields such as computer vision, natural language processing, and robotics. This is an introduction course to deep learning.

**Rules & Requirements**

**Requisites:** Prerequisites, STOR 435 or 535; and COMP 110 or 116.

**Grading Status:** Letter grade.

**STOR 572. Simulation for Analytics. 3 Credits.**

This upper-level-undergraduate and beginning-graduate-level course introduces the concepts of modeling, programming, and statistical analysis as they arise in stochastic computer simulations. Topics include modeling static and discrete-event simulations of stochastic systems, random number generation, random variate generation, simulation programming, and statistical analysis of simulation input and output.

**Rules & Requirements**

**Requisites:** Prerequisites, STOR 120 or 155, and STOR 435 or 535.

**Grading Status:** Letter grade.

**STOR 590. Special Topics in Statistics and Operations Research. 3 Credits.**

Examines selected topics from statistics and operations research. Course description is available from the department office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**STOR 612. Foundations of Optimization. 3 Credits.**

STOR 612 consists of three major parts: linear programming, quadratic programming, and unconstrained optimization. Topics: Modeling, theory and algorithms for linear programming; modeling, theory and algorithms for quadratic programming; convex sets and functions; first-order and second-order methods such as stochastic gradient methods, accelerated gradient methods and quasi-Newton methods for unconstrained optimization.

**Rules & Requirements**

**Requisites:** Prerequisites, MATH 347 and 521 or permission of the instructor.

**Grading Status:** Letter grade.

**STOR 614. Advanced Optimization. 3 Credits.**

STOR 614 consists of three major parts: Integer programming, conic programming, and nonlinear optimization. Topics: modeling, theory and algorithms for integer programming; second-order cone and semidefinite programming; theory and algorithms for constrained optimization; dynamic programming; networks.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 612 or equivalent (or permission of instructor).

**Grading Status:** Letter grade.

**STOR 634. Probability I. 3 Credits.**

Required preparation, advanced calculus. Lebesgue and abstract measure and integration, convergence theorems, differentiation. Radon-Nikodym theorem, product measures. Fubini theorems.  $L_p$  spaces.

**Rules & Requirements**

**Grading Status:** Letter grade.

**STOR 635. Probability II. 3 Credits.**

Foundations of probability. Basic classical theorems. Modes of probabilistic convergence. Central limit problem. Generating functions, characteristic functions. Conditional probability and expectation.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 634; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** MATH 635.

**STOR 641. Stochastic Modeling I. 3 Credits.**

The aim of this 3-credit graduate course is to introduce stochastic modeling that is commonly used in various fields such as operations research, data science, engineering, business, and life sciences. Although it is the first course in a sequence of three courses, it can also serve as a standalone introductory course in stochastic modeling and analysis. The course covers the following topics: discrete-time Markov chains, Poisson processes, and continuous-time Markov chains.

**Rules & Requirements**

**Requisites:** Prerequisite, Probability background at the level of STOR 435 or STOR 535.

**Grading Status:** Letter grade.

**STOR 642. Stochastic Modeling II. 3 Credits.**

This 3-credit course is the second graduate-level course on stochastic modeling that expands upon the material taught in STOR 641. The course covers the following topics: renewal and regenerative processes, queueing models, and Markov decision processes.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 641.

**Grading Status:** Letter grade.

**STOR 654. Statistical Theory I. 3 Credits.**

Required preparation, two semesters of advanced calculus. Probability spaces. Random variables, distributions, expectation. Conditioning. Generating functions. Limit theorems: LLN, CLT, Slutsky, delta-method, big-O in probability. Inequalities. Distribution theory: normal, chi-squared, beta, gamma, Cauchy, other multivariate distributions. Distribution theory for linear models.

**Rules & Requirements**

**Grading Status:** Letter grade.

**STOR 655. Statistical Theory II. 3 Credits.**

Point estimation. Hypothesis testing and confidence sets. Contingency tables, nonparametric goodness-of-fit. Linear model optimality theory: BLUE, MVU, MLE. Multivariate tests. Introduction to decision theory and Bayesian inference.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 654.

**Grading Status:** Letter grade.

**STOR 664. Applied Statistics I. 3 Credits.**

Permission of the instructor. Basics of linear models: matrix formulation, least squares, tests. Computing environments: SAS, MATLAB, S+. Visualization: histograms, scatterplots, smoothing, QQ plots. Transformations: log, Box-Cox, etc. Diagnostics and model selection.

**Rules & Requirements**

**Grading Status:** Letter grade.

**STOR 665. Applied Statistics II. 3 Credits.**

ANOVA (including nested and crossed models, multiple comparisons). GLM basics: exponential families, link functions, likelihood, quasi-likelihood, conditional likelihood. Numerical analysis: numerical linear algebra, optimization; GLM diagnostics. Simulation: transformation, rejection, Gibbs sampler.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 664; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**STOR 672. Simulation Modeling and Analysis. 3 Credits.**

Introduces students to modeling, programming, and statistical analysis applicable to computer simulations. Emphasizes statistical analysis of simulation output for decision-making. Focuses on discrete-event simulations and discusses other simulation methodologies such as Monte Carlo and agent-based simulations. Students model, program, and run simulations using specialized software. Familiarity with computer programming recommended.

**Rules & Requirements**

**Requisites:** Prerequisites, STOR 555 and 641.

**Grading Status:** Letter grade.

**Same as:** COMP 672.

**STOR 674. Statistical and Computational Tools for Reproducible Data Science. 3 Credits.**

The purpose of this course is to provide a strong foundation in computational skills needed for reproducible research in data science and statistics. Topics will include computational tools and programming skills to facilitate reproducibility, as well as procedures and methods for reproducible conclusions.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 320 or 664.

**Grading Status:** Letter grade.

**STOR 690. Special Topics. 3 Credits.**

Examines selected topics from statistics and operations research. Course description is available from the department office.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **STOR 691H. Honors in Statistics and Analytics. 3 Credits.**

Permission of the department. Majors only. Individual reading, study, or project supervised by a faculty member.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **STOR 692H. Honors in Statistics and Analytics. 3 Credits.**

Permission of the department. Majors only. Individual reading, study, or project supervised by a faculty member.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

**Department of Statistics and Operations Research**

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## Statistics and Analytics Major, B.S.

The major in statistics and analytics is an excellent program for students interested in statistical data science, operations research, and actuarial science, as well as in fields such as business, economics, public policy and health, psychology, and biomedicine, where the decision and statistical sciences play an increasingly important role.

## Student Learning Outcomes

Upon completion of the statistics and analytics program, students should be able to:









- Demonstrate foundational knowledge of probability, statistics, optimization, and stochastic modeling
- Exhibit proficiency in one or more of the scientific programming languages commonly used in statistics and analytics
- Apply the analytical and computational skills needed to formulate and solve data science problems
- Interpret and translate numerical results into actionable ideas and communicate them orally and in writing
- Find employment in professions relying on data and analytics, or continue education in related graduate programs

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
MATH/STOR 235	 Mathematics for Data Science	4
or MATH 233	 Calculus of Functions of Several Variables	
STOR 315	 Discrete Mathematics for Data Science	3-4
or MATH 381	Discrete Mathematics	
STOR 320	 Introduction to Data Science	4
STOR 415	Introduction to Optimization <sup>2</sup>	3
STOR 435	Introduction to Probability <sup>1</sup>	3
or STOR 535	Probability for Data Science	
STOR 445	Stochastic Modeling	3
STOR 455	Methods of Data Analysis	3
One STOR course at the 500 level		3
<b>Additional Requirements</b>		
COMP 116	Introduction to Scientific Programming (COMP 110 may be substituted)	3
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
MATH 347	Linear Algebra for Applications	3
STOR 155	 Introduction to Data Models and Inference <sup>F</sup>	3-4
or STOR 120	 Foundations of Statistics and Data Science	
Two additional courses from either Group A or Group B (see lists below)		6
<b>Total Hours</b>		<b>49-50</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.


<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Students may not receive credit for both STOR 435 and STOR 535.

<sup>2</sup> Students may not enroll in STOR 305 if they have already taken STOR 415.

Statistics and analytics majors must complete 120 academic hours.


## Group A

Code	Title	Hours
STOR 305	 Introduction to Decision Analytics <sup>2</sup>	3
STOR 471	Long-Term Actuarial Models	3
STOR 472	Short Term Actuarial Models	3
STOR 475	Healthcare Risk Analytics	3
STOR 515	Dynamic Decision Analytics	3
STOR 520	Statistical Computing for Data Science <sup>1</sup>	4
STOR 538	Sports Analytics	3
STOR 555	Mathematical Statistics	3
STOR 556	Time Series Data Analysis	3
STOR 557	Advanced Methods of Data Analysis	3
STOR 565	Machine Learning	3
STOR 566	Introduction to Deep Learning	3
STOR 572	Simulation for Analytics	3

<sup>1</sup> Students may not receive credit for both STOR 320 and STOR 520.

<sup>2</sup> Students may not enroll in STOR 305 if they have already taken STOR 415.

## Group B












Code	Title	Hours
BIOS 664	Sample Survey Methodology	4
BUSI 403	Operations Management	3
BUSI 408	Corporate Finance	3
BUSI 410	Business Analytics	3
BUSI 532	Healthcare and Service Operations Management <sup>H</sup>	3
BUSI 533	Supply Chain Management <sup>H</sup>	3
COMP 401	Foundation of Programming (Student can take COMP 301 or COMP 401) <sup>H</sup>	3-4
or COMP 301	Foundations of Programming	
COMP 410	Data Structures (Student can take COMP 210 or COMP 410)	3
or COMP 210	Data Structures and Analysis	
COMP 421	Files and Databases	3
ECON 410	 Intermediate Microeconomics <sup>H</sup>	4
ECON 420	Intermediate Macroeconomics <sup>H</sup>	3
ECON 511	Advanced Game Theory in Economics <sup>H</sup>	3
INLS 523	Introduction to Database Concepts and Applications	3
MATH 383	First Course in Differential Equations <sup>H</sup>	3
MATH 521	Advanced Calculus I <sup>H</sup>	3
MATH 522	Advanced Calculus II <sup>H</sup>	3
MATH 523	Functions of a Complex Variable with Applications	3
MATH 524	Elementary Differential Equations	3
MATH 548	Combinatorial Mathematics	3
MATH 566	Introduction to Numerical Analysis	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

In the first two years, students are required to complete the standard calculus sequence as well as introductory courses in statistics, operations research, and computer science. At the beginning of their third year, students take advanced courses in statistics, probability, and operations research. They have a great deal of flexibility in tailoring their program to meet their individual interests.

Code	Title	Hours
<b>First Year</b>		
IDST 101	 College Thriving	1
ENGL 105	 English Composition and Rhetoric	3
or ENGL 105I	 English Composition and Rhetoric (Interdisciplinary)	
First-Year Seminar or First-Year Launch (p. 1171) <sup>F</sup>		3
Triple-I and Data Literacy (p. 1179)		4
Global Language through level 3 (p. 1180)		varies
COMP 116	Introduction to Scientific Programming (COMP 110 may be substituted)	3
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	4
<b>Second Year</b>		
MATH/STOR 235	 Mathematics for Data Science (Second Year)	4
or MATH 233	 Calculus of Functions of Several Variables	
STOR 155	 Introduction to Data Models and Inference <sup>1, F</sup>	3-4
or STOR 120	 Foundations of Statistics and Data Science	
STOR 315	 Discrete Mathematics for Data Science	3-4
or MATH 381	Discrete Mathematics	
STOR 320	 Introduction to Data Science	4
<b>Third Year</b>		
MATH 347	Linear Algebra for Applications	3
STOR 415	Introduction to Optimization	3
STOR 435	Introduction to Probability	3
or STOR 535	Probability for Data Science	
STOR 455	Methods of Data Analysis	3
<b>Fourth Year</b>		
STOR 445	Stochastic Modeling	3
One STOR 500-level course <sup>2</sup>		3
Two additional courses from Group A or Group B <sup>2</sup>		6
<b>Total Hours</b>		<b>60-62</b>

- <sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- <sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Prospective statistics and analytics majors are encouraged to take STOR 155 or STOR 120, and STOR 315 or MATH 381 as early as possible in their college careers. Each has a prerequisite of MATH 110 or its equivalent and may be taken before, or concurrently with, MATH 231.

<sup>2</sup> Students wishing to prepare for an actuarial career should include STOR 471, STOR 472, STOR 555 and STOR 556 from Group A in their program and take ECON 410 and ECON 420 and BUSI 408 and BUSI 588 as electives. Students who plan to attend graduate school in statistics, operations research, analytics, or a related field, should include in their program COMP 401, STOR 555, STOR 565, and MATH 521.

It is recommended that all statistics and analytics majors take ECON 101 as a social and behavioral sciences Approaches course. Students interested in the actuarial profession also should take BUSI 102 as a general elective.

## Dual Bachelor's – Master's Degree Program

The Department of Statistics and Operations Research offers a dual bachelor's – master's degree program. Interested students should consult the graduate program director.

## Special Opportunities in Statistics and Analytics

### Honors in Statistics and Analytics

Candidates for honors or highest honors must secure approval from the program director. They must take STOR 691H and STOR 692H, and maintain an overall grade point average of 3.3 and a grade point average in statistics and analytics courses of at least 3.3 at the end of the semester preceding the semester in which they graduate.

### Departmental Involvement

The Department of Statistics and Operations Research sponsors Carolina's Actuarial Student Organization (CASO), for students interested in careers in the actuarial sciences. CASO organizes study groups for the actuarial exams, sponsors talks by professional actuaries, keeps members aware of employment opportunities, and maintains contact with alumni and corporations in the field. The department is also a co-sponsor of Carolina Analytics and Data Science (CADS) student organization, which aims to foster communication among the students who are interested in careers in data science and analytics and contribute to their intellectual growth by hosting speakers from industry as well as academia.

### Experiential Education

When arranged in advance with a supervising faculty member, STOR 493 can be used to earn credit for appropriate work experience in the

summer or during the academic year. STOR 493 satisfies the experiential education requirement. Students interested in STOR 493 should secure approval from the program director before starting their work. STOR 496 can also be used to satisfy the experiential education requirement.

## Undergraduate Awards

Two undergraduate awards for graduating seniors are given each year by the statistics and analytics program. One is the Statistics and Analytics Award, given to the outstanding graduating senior, and the second is the W. Robert Mann Award, given for excellence in actuarial science. Plaques bearing the names of winners are located in the undergraduate study room in Hanes Hall.

## Undergraduate Research

Undergraduate research under the direction of faculty members from the Department of Statistics and Operations Research is offered through the independent study and research course, STOR 496, and the senior honors thesis courses, STOR 691H and STOR 692H.

## Department Programs

### Major

- Statistics and Analytics Major, B.S. (p. 1002)

### Minor

- Data Science Minor (p. 1006)
- Statistics and Analytics Minor (p. 1005)

### Graduate Programs

- M.S. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)
- Ph.D. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)

## Contact Information

### Department of Statistics and Operations Research

Visit Program Website (<http://www.stor.unc.edu>)

318 Hanes Hall, CB# 3260

(919) 843-6024

### Chair

Vladas Pipiras

### Director of Undergraduate Studies

Mariana Olvera-Cravioto

[molvera@email.unc.edu](mailto:molvera@email.unc.edu)

### Administrative Support Associate

[stor@unc.edu](mailto:stor@unc.edu)

## Statistics and Analytics Minor

Statistics and analytics is an excellent program for students interested in statistical data science, operations research, and actuarial science, as well as in fields such as business, economics, public policy and health, psychology, and biomedicine, where the decision and statistical sciences play an increasingly important role.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
STOR 155 or STOR 120	Introduction to Data Models and Inference <sup>F</sup> Foundations of Statistics and Data Science	3-4
STOR 305 or STOR 415	Introduction to Decision Analytics <sup>1</sup> Introduction to Optimization	3
Three courses from among: <sup>2</sup>		9
STOR 215 or MATH 381	Foundations of Decision Sciences Discrete Mathematics	
STOR 320	Introduction to Data Science <sup>3</sup>	
STOR 435	Introduction to Probability <sup>4</sup>	
STOR 445	Stochastic Modeling	
STOR 455	Methods of Data Analysis	
STOR 471	Long-Term Actuarial Models	
STOR 472	Short Term Actuarial Models	
STOR 475	Healthcare Risk Analytics	
STOR 515	Dynamic Decision Analytics	
STOR 520	Statistical Computing for Data Science <sup>3</sup>	
STOR 535	Probability for Data Science <sup>4</sup>	
STOR 538	Sports Analytics	
STOR 555	Mathematical Statistics	
STOR 556	Time Series Data Analysis	
STOR 557	Advanced Methods of Data Analysis	
STOR 565	Machine Learning	
STOR 566	Introduction to Deep Learning	
STOR 572	Simulation for Analytics	
<b>Total Hours</b>		<b>15-16</b>

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> If both STOR 305 and STOR 415 are taken, students may use one course to fulfill the core requirement and one course to fulfill the elective requirement. Students may not enroll in STOR 305 if they have already taken STOR 415.

<sup>2</sup> Some courses are 4-credits (see course description).

<sup>3</sup> Students may not receive credit for both STOR 320 and STOR 520.

<sup>4</sup> Students may not receive credit for both STOR 435 and STOR 535.

## Department Programs

### Major

- Statistics and Analytics Major, B.S. (p. 1002)

### Minor

- Data Science Minor (p. 1006)
- Statistics and Analytics Minor (p. 1005)

### Graduate Programs

- M.S. in Statistics and Operations Research (<http://catalog.unc.edu/graduate/schools-departments/statistics-operations-research/>)
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### Chair

Vladas Pipiras

### Director of Undergraduate Studies

Mariana Olvera-Cravioto

[molvera@email.unc.edu](mailto:molvera@email.unc.edu)

Administrative Support Associate

[stor@unc.edu](mailto:stor@unc.edu)

## Data Science Minor

### Overview

The data science minor at Carolina is a new multidisciplinary program launched in fall 2021 and offered by the College of Arts & Sciences. The minor has been designed to introduce students from any discipline to data science methods and applications, while simultaneously providing opportunities to explore its complex interactions with modern society. To achieve these goals, the minor is structured to allow students to choose their coursework from many different departments, encouraging them to explore the use of data science within their main field of study.

To satisfy the core requirements, a student must choose one course from each of the three categories:

### Data and Computational Thinking

This core requirement will provide you with an introduction to the computing tools and coding methods needed to gather, manipulate, visualize, and analyze data. Taught in Python and/or R.

### Data and Statistical Thinking

This core requirement will provide you with an introduction to data-driven statistical analysis, focusing on a hands-on approach to making inferences and predictions to learn from data. Taught in Python and/or R.








### Data, Culture, and Society

This core requirement focuses on the social, political, cultural, and/or ethical dimensions of data.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).




Code	Title	Hours
<b>Core Requirements</b>		
Data and Computational Thinking (one course)		3
COMP 110	 Introduction to Programming and Data Science <sup>H</sup>	
COMP 116	Introduction to Scientific Programming	
GEOG 215	 Introduction to Spatial Data Science	
POLI 281	 Data in Politics I: An Introduction	
Data and Statistical Thinking (one course)		3-4
LING 460	 Making Sense of Big Data: Textual Analysis with R	
SOCI 318	Computational Sociology	
STOR 120	 Foundations of Statistics and Data Science <sup>F</sup>	
Data, Culture, and Society (one course)		3
COMP 380	 Technology, Ethics, & Culture <sup>H</sup>	
GEOG 115	Maps: Geographic Information from Babylon to Google	
ENGL 114	The Rhetoric of Data	
COMM 348	Algorithms and Society	
GEOG 141	 Geography for Future Leaders	
PLAN 562	Seminar on The Ethics and Politics of New Urban Analytics (Previously offered as PLAN 673)	
POLI 209	Analyzing Public Opinion <sup>H</sup>	
Two additional elective courses from the list below <sup>1</sup>		6-8
<b>Total Hours</b>		<b>15-18</b>























<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Core courses may not be used to satisfy elective requirements.

### Elective List

Code	Title	Hours
ANTH 419	Anthropological Application of GIS	3
ANTH 726	Quantitative Methods in Archaeology	3
ANTH/LING 520	 Linguistic Phonetics	3
ASTR 502	 Modern Research in Astrophysics	3
ASTR 519	 Observational Astronomy	4

BCB/COMP 555	Bioalgorithms	3	GEOG 414	 Climate Change	3
BIOL 525 & 525L	Analysis and Interpretation of Sequence-Based Functional Genomics Experiments and Analysis and Interpretation of Sequence-Based Functional Genomics Experiments Laboratory	4	GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
BIOL 534/MATH 564	Mathematical Modeling in the Life Sciences	3	GEOG/ENEC 437	 Social Vulnerability to Climate Change	3
BIOL/MATH 553	Mathematical and Computational Models in Biology	3	GEOG 446	Geography of Health Care Delivery	3
BIOL 554	Introduction to Computational Neuroscience	3	GEOG 456	 Geovisualizing Change	3
BIOL/ENEC 562	Statistics for Environmental Scientists	4	GEOG/PLAN 491	Introduction to GIS	3
BIOL/ENEC 563	Statistical Analysis in Ecology and Evolution	4	GEOL 520	Data Analysis in the Earth Sciences	3
BMME/COMP 576	Mathematics for Image Computing	3	INLS 509/COMP 487	Information Retrieval	3
BUSI 410	Business Analytics	3	INLS 512/COMP 486	Applications of Natural Language Processing	3
BUSI/COMP 488	Data Science in the Business World	3	LING 202	 Linguistic Variation and Language Change	3
CLAR 411	Method and Theory in Classical Archaeology	3	LING 203	 Language Acquisition and Development	3
COMP 210	Data Structures and Analysis	3	LING 333	 Human Language and Animal Communication Systems	3
COMP 388	Advanced Cyberculture Studies	3	LING 401	 Language and Computers	3
COMP 410	Data Structures	3	LING 422	Research Methods in Phonetics and Laboratory Phonology	3
COMP 421	Files and Databases	3	LING/ANTH 520	 Linguistic Phonetics	3
COMP 426	Modern Web Programming	3	LING 525	Introduction to Historical and Comparative Linguistics	3
COMP 433	Mobile Computing Systems	3	MASC 561	Time Series and Spatial Data Analysis	3
COMP 486/INLS 512	Applications of Natural Language Processing	3	MATH 210	 Mathematical Tools for Data Science	3
COMP 487/INLS 509	Information Retrieval	3	MATH 553	Mathematical and Computational Models in Biology	3
COMP/BUSI 488	Data Science in the Business World	3	MATH 560	Optimization with Applications in Machine Learning	3
COMP/BCB 555	Bioalgorithms	3	MATH 564	Mathematical Modeling in the Life Sciences	3
COMP 560	Artificial Intelligence	3	MEJO 570	 Data Driven Journalism	3
COMP 562	Introduction to Machine Learning	3	PHIL 353	Minds and Machines: Philosophy of Cognitive Science <sup>H</sup>	3
COMP 572	Computational Photography	3	PHYS 331	Numerical Techniques for the Sciences I	4
COMP 576	Mathematics for Image Computing	3	PHYS 332	Numerical Techniques for the Sciences II	4
ECON 470	 Econometrics <sup>H</sup>	3	PLAN 372	Introduction to Urban Data Analytics	3
ECON 573	 Machine Learning and Econometrics	3	PLAN/GEOG 491	Introduction to GIS	3
ECON 575	Applied Time Series Analysis and Forecasting	3	PLCY 460	 Quantitative Analysis for Public Policy <sup>H</sup>	4
ENEC 305	Data Analysis and Visualization of Social and Environmental Interactions	4	PLCY 505	 Data Science for Public Policy and Decision Making	4
ENEC/GEOG 437	 Social Vulnerability to Climate Change	3	PLCY 581	 Research Design for Public Policy <sup>H</sup>	3
ENEC/ENVR 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3	POLI 381	Data in Politics II: Frontiers and Applications	3
ENEC/BIOL 562	Statistics for Environmental Scientists	4	PSYC 532	Quantitative Psychology <sup>H</sup>	3
ENEC/BIOL 563	Statistical Analysis in Ecology and Evolution	4	PSYC 533	The General Linear Model in Psychology <sup>H</sup>	3
ENGL 480	Digital Humanities History and Methods	3	PSYC 559	Applied Machine Learning in Psychology	3
ENGL 482	 Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3	ROML 501	Introduction to Digital Humanities for Romance Languages, Cultures and Heritage Studies	3
ENVR/ENEC 468	Temporal GIS and Space/Time Geostatistics for the Environment and Public Health	3	STOR 320	 Introduction to Data Science	4
EPID 600	Principles of Epidemiology for Public Health	3	STOR 455	Methods of Data Analysis	3
EXSS 327	 Predictive Analytics in Sport	3	STOR 535	Probability for Data Science	3
GEOG 370	 Introduction to Geographic Information	3	STOR 538	Sports Analytics	3
GEOG 392	 Research Methods in Geography	3			

STOR 556	Time Series Data Analysis	3
STOR 565	Machine Learning	3
STOR 572	Simulation for Analytics	3
STOR 557	Advanced Methods of Data Analysis	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

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## Contact Information

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### Program Chair

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### Chair

Vladas Pipiras

### Director of Undergraduate Studies

Mariana Olvera-Cravioto  
molvera@email.unc.edu

### Administrative Support Associate

stor@unc.edu

## Department of Women's and Gender Studies

### Introduction

The Department of Women's and Gender Studies offers a feminist interdisciplinary course of study that expands the process of knowledge production to include considerations of gender, race, class, and sexuality in the United States and internationally. Students will be exposed to recent scholarship on feminist theory and the intellectual, economic, political, and artistic contributions of women and feminist movements in various historical and cultural contexts.

Numerous departments across campus offer courses that focus on the study of women and/or gender. Most of these courses are cross-listed as women's and gender studies courses; others are taught as special

sections of an established course and are identified separately each semester.

## Advising

All majors and minors have a primary academic advisor assigned in ConnectCarolina. All other majors and minors are strongly encouraged to meet with a faculty member or director of undergraduate studies (DUS) who works with current and prospective majors and minors by appointment (see "Contacts" above). Departmental academic advising is particularly important for those majors who are considering going on to graduate school. All students are encouraged to review their Tar Heel Tracker each semester. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the department's website (<http://womensstudies.unc.edu/>).

### Major

- Women's and Gender Studies Major, B.A. (p. 1022)

### Minors

- Women's and Gender Studies Minor (p. 1026)
- Sexuality Studies Minor (p. 1028)

## Professors

Ariana Vigil.

## Associate Professors

Karen M. Booth, Nicole Else-Quest, Susan Harbage Page, Tanya L. Shields.

## Assistant Professor

Jillian Hinderliter.

## Teaching Assistant Professor

Sarah Bloesch.

## Adjunct Professor

Sharon James.

## Adjunct Associate Professors

Jes Boon, Lydia Boyd, Gabrielle Calvocoressi, Barbara Friedman, Michele Rivkin-Fish, Michelle Robinson, Katherine Turk, Claudia Yaghoobi.

## Adjunct Instructors

Shelley Gist Kennedy, Christi Hurt.

## Professors Emerita

Michele Berger, E. Jane Burns, Barbara J. Harris, Joanne Hershfield, Silvia Tomásková.



## WGST–Women’s and Gender Studies Undergraduate-level Courses

### **WGST 51. First-Year Seminar: Race, Sex, and Place in America. 3 Credits.**

This first-year seminar will expose students to the complex dynamics of race, ethnicity, and gender and how these have shaped the American city since 1945.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** PLAN 52.

### **WGST 56. First-Year Seminar: Writing Women in Modern China. 3 Credits.**

Compares the rhetoric of equality between the sexes presented by late Qing, May Fourth, and communist thinkers to perspectives on gender and society by 20th-century Chinese women writers. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 56.

### **WGST 64. Plantation Lullabies: Literature by and about African American Women. 3 Credits.**

This course introduces students to different ways of understanding plantation culture and how that culture persists today, using close reading strategies and gender analysis. The class will examine film, literature, music, and poetry.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

### **WGST 66. First-Year Seminar: Growing Up Girl, Globally. 3 Credits.**

Course introduces students to literature by women from around the world, particularly stories of a girl’s transition to womanhood. Close reading strategies are used to examine films, novels, and poetry.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, GL.

**Grading Status:** Letter grade.

### **WGST 67H. First-Year Seminar: Sexuality and Salvation. 3 Credits.**

In Christianity and Islam, bodies populate the afterlife. What those bodies look like, how they act, what they feel, and who they engage with are subjects of contentious and long-standing debates. The various answers offered in these debates deeply affect Christian and Muslim responses to the body, sexuality, race, and gender in this life. This course examines how these two religious traditions’ diversity of histories and ideas construct theories of identity.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-KNOWING, RESEARCH.

**Grading Status:** Letter grade.

### **WGST 68. First-Year Seminar: Assumed Identities: Performance in Photography. 3 Credits.**

Uses photography and its aspects of role playing, performance, and documentation to understand the construction of identity. Looks at historical and contemporary photographers who use assumed identities to explore their changing identity roles and challenge society’s stereotypes. Individual and group performance/photography projects working with still photography, video, and the Internet.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR, FC-CREATE or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

### **WGST 89. First-Year Seminar: Special Topics. 3 Credits.**

Special topics course. Content will vary each semester. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.

**Grading Status:** Letter grade.

### **WGST 101. Introduction to Women’s Studies. 3 Credits.**

An interdisciplinary exploration of the intersections of gender, race, class, and sexuality in American society and internationally. Topics include work; sexuality; gender relations, and images of women in literature, art, and science; and the history of feminist movements. Course readings are drawn from the humanities and the social sciences. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

### **WGST 111. Introduction to Sexuality Studies. 3 Credits.**

This course introduces students to the broad range of disciplinary perspectives used by the field of sexuality studies to study, teach, and create knowledge about human sexuality in various functions and forms. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS, NA, US.

**Grading Status:** Letter grade.

### **WGST 124. Sex and Gender in Society. 3 Credits.**

Examination of the social differentiation between men and women. Attention to the extent, causes, and consequences of sexual inequality and to changes in sex roles and their impact on interpersonal relations.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** SOCI 124.

**WGST 127. Iranian Women Writers. 3 Credits.**

This course introduces students to Iranian women's issues through their literary works. To contextualize, we will read articles and essays on the historical, cultural, social, political, and economic backgrounds. In order to approach these literary works in a more effective manner, we will also be reading various secondary materials.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN, CI.

**Grading Status:** Letter grade.

**Same as:** ASIA 127.

**WGST 140. Introduction to Gay and Lesbian Culture and Literature. 3 Credits.**

Introduces students to concepts in queer theory and recent sexuality studies. Topics include queer lit, AIDS, race and sexuality, representations of gays and lesbians in the media, political activism/literature.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**Same as:** ENGL 140.

**WGST 144. Women in the United States from Settlement to Present. 3 Credits.**

This course will survey the history of women, gender relations, and notions of sex difference in the United States from the colonial era to present times, with a special emphasis on women's varied experiences and expectations across divisions of class, race, and region. Key themes will include work, politics, citizenship, reproduction, sociability, and sexuality.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** HIST 144.

**WGST 167. Gender, Sexuality, and Social Justice in South Asia. 3 Credits.**

This course explores questions of ethics, justice, and inequality with respect to gender in modern South Asia. Each unit will probe a different aspect of social justice in order to understand the histories, politics, and expressive cultures of various disempowered communities. Intersections between gender and ethics, politics, sexuality, caste, class, and the environment will be studied in depth.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** ASIA 167.

**WGST 188. Introduction to Women and Music. 3 Credits.**

The role of women in performance, composition, patronage, and the music business across a wide range of repertoires.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, GL, NA.

**Grading Status:** Letter grade.

**Same as:** MUSC 188.

**WGST 200. Gender and Sexuality in Africa. 3 Credits.**

Introduction to the study of gender and sexuality in African societies. Theoretical questions relating to the cross-cultural study of gender will be a primary focus. Topics include historical perspectives on the study of kinship and family in Africa and the impact of colonialism and other forms of social change.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-KNOWING.

**Making Connections Gen Ed:** SS, BN.

**Grading Status:** Letter grade.

**Same as:** AAAD 200.

**WGST 202. Introduction to Feminist Thought. 3 Credits.**

Introduces students to feminist theorizing on debates over gender-based oppression. Gives students tools to pursue academic work in women's studies and to understand the relationships among concepts, activism, and change. Required for majors. Strongly recommended for minors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Requisites:** Prerequisite, WGST 101.

**Grading Status:** Letter grade.

**WGST 211. Introduction to Latina Feminisms: Literature, Theory, and Activism. 3 Credits.**

Through a variety of texts that span the 20th and 21st centuries, students will be introduced to key concepts, figures, and movements in Latina feminisms. Emphasis will be placed on a diversity of historical and ethno-national perspectives as well as academic interdisciplinarity.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**WGST 215. Gender and Spirituality. 3 Credits.**

The course is designed to introduce a variety of ways that gender is present in how we define, interpret, and engage the broad categories of the spiritual and spiritualities. Students will learn how to analyze how gender is portrayed by spiritual and religious traditions and reflect on the socially constructed nature of those encounters.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** PH, US.

**Grading Status:** Letter grade.

**WGST 217. Women and Politics. 3 Credits.**

A comparison of men and women as political actors at the mass and elite level in America. Topics considered include the "gender gap," the women's movement, abortion, and the Equal Rights Amendment.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** POLI 217.

**WGST 220. Women in the Middle Ages. 3 Credits.**

This interdisciplinary course examines representations of women, concepts of gender, and women's participation in the economic, political, religious, and cultural life of the Middle Ages. Discussion and texts in English.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** GERM 220.

**WGST 222. Prehistoric Art. 3 Credits.**

A survey of prehistoric art in Africa, the Americas, Australia, and Europe.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** BN, WB.

**Grading Status:** Letter grade.

**Same as:** ANTH 222.

**WGST 224. Introduction to Gender and Communication. 3 Credits.**

Examines multiple relationships among gender, communication and culture. Explores how communication creates gender and shapes relationships and how communication reflects, sustains, and alters cultural views of gender. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**Same as:** COMM 224.

**WGST 225. Space, Place, and Difference. 3 Credits.**

Gender, race, and class are examined in terms of the spatial patterns of everyday life, regional patterns, and global patterns. (GHA)

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** GEOG 225.

**WGST 230. Women in Contemporary Art: A Field Study. 3 Credits.**

This seminar will explore the lives and work of women in contemporary art through a combination of readings, films, interviews, studio visits with area artists, and visits to museums and galleries. We will engage questions of identity, gender, sexuality, politics, and cultural representation and how these affect the creativity, media, and final output of women artists.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-POWER.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**WGST 231. Gender and Popular Culture. 3 Credits.**

This course examines the ways in which gender and sexual identities are represented and consumed in popular culture.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**WGST 232. Identity in Transit: Performing the Self through Photography. 3 Credits.**

This course asks how gendered identity is shaped over time in relation to different cultural, social, and historical circumstances. Examines the practices of photographers who present themselves and others in assumed identities to comment on shifting social roles and challenge stereotypes. Students use photography to document performance and create self-portraits.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**WGST 233. Introduction to Latina Literature. 3 Credits.**

This course will provide an introduction to Latina literature. We will read a variety of genres from a range of ethno-national perspectives and examine such topics as immigration, identity, mother-daughter relationships, and sexuality.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**WGST 237. Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures. 3 Credits.**

This course introduces students to the history of North and South Korean film and television through the lens of gender and sexuality. In so doing, it explores the multiple forms of the Korean self and the diverse shapes that Korean identity has taken across the modern and contemporary eras.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** KOR 237, CMPL 237.

**WGST 240. Women in Greek Art and Literature. 3 Credits.**

Course examines law, religion, medicine, social practices, and ideologies in the lives of women in ancient Greece, from Homer to Hellenistic Egypt, using literature, art, and epigraphy. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CLAS 240.

**WGST 241. Women in Ancient Rome. 3 Credits.**

Course examines the life of women in ancient Rome, from the first beginnings of the organized community in Rome through the early Empire, a period of about 900 years. Also explores aspects of the lives of women in provinces governed by Rome. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** LA, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CLAS 241.

**WGST 242. Sex and Gender in Antiquity. 3 Credits.**

Exploration of gender constructs, what it meant to be a woman or a man, in antiquity, as revealed in literary, historical, and archaeological sources. Readings from Homer, Euripides, Plato, Ovid, Virgil, Juvenal, Petronius, and other ancient authors.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, WB.

**Grading Status:** Letter grade.

**Same as:** CLAS 242.

**WGST 244. Gender and Sexuality in Western Christianity. 3 Credits.**

An examination of the development of teachings on issues of gender and sexuality through the history of Western Christianity, with particular focus on contemporary controversies. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** RELI 244.

**WGST 248. Gender on the Musical Stage. 3 Credits.**

An exploration of gender on the musical stage in the past and present, with an emphasis on female-identified creators and characters, onstage and behind the scenes.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** NA.

**Grading Status:** Letter grade.

**Same as:** MUSC 248.

**WGST 249. Intersectionality: Race, Gender, Sexuality, and Social Justice. 3 Credits.**

The first goal of this super course is to give students real tools for how to address multiple modes of difference and identity formations like race, gender, class, and sexuality.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** CI, US.

**Grading Status:** Letter grade.

**Same as:** AMST 248, ENGL 248, POLI 248.

**WGST 253. A Social History of Jewish Women in America. 3 Credits.**

This course examines the history and culture of Jewish women in America from their arrival in New Amsterdam in 1654 to the present and explores how gender shaped this journey.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** AMST 253, JWST 253.

**WGST 254. Women in the Visual Arts I. 3 Credits.**

This course analyzes the role of women in Western art as art producers and consumers of art and looks at how women have been represented.

**Rules & Requirements**

**Making Connections Gen Ed:** VP, CI, NA.

**Grading Status:** Letter grade.

**Same as:** ARTH 254.

**WGST 259. Towards Emancipation? Women in Modern Europe. 3 Credits.**

This course examines and compares the situation of women in politics, the work force, society and family from the French Revolution to the new women's movement in the 1970s with a focus on Britain, France and Germany. One major theme is the history of the struggle for women's emancipation.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 259, EURO 259.

**WGST 260. Women and Sport. 3 Credits.**

A broad based perspective of women's participation in sport including history of participation, physiological differences, and socio-cultural influences including work, politics, family, economics, and gender roles and identity.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**Same as:** EXSS 260.

**WGST 263. Literature and Gender. 3 Credits.**

Focused study of how issues of gender shape literary themes, characters, and topics, and the composition and reception of literary texts. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**Same as:** ENGL 263.

**WGST 264. Gender in Russian History. 3 Credits.**

Traces the development of sexual identities and changes in masculine and feminine ideals from Tsarist Russia through the post-Soviet period with emphasis on politics, society, and popular culture.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 264.

 **WGST 265. Feminism and Political Theory. 3 Credits.**

Introduction to feminist theory and its implications for the study and practice of political theory. Topics: women in feminist critiques of the Western political tradition, schools of feminist political theory.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-POWER.**Making Connections Gen Ed:** PH, CI, NA.**Grading Status:** Letter grade.**Same as:** POLI 265. **WGST 266. Black Women in America. 3 Credits.**

An examination of the individual and collective experiences of black women in America from slavery to the present and the evolution of feminist consciousness.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.**Making Connections Gen Ed:** SS.**Grading Status:** Letter grade.**Same as:** AAAD 232. **WGST 270. Introduction to Transgender Studies. 3 Credits.**

This course surveys the breadth of the field of transgender studies through an interdisciplinary lens. This course will outline trans history from 16th century to the present as well as current topics addressed by scholars in the field.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.**Making Connections Gen Ed:** SS, CI, US.**Grading Status:** Letter grade.**WGST 271. Women in German Cinema. 3 Credits.**

Introduction to feminist aesthetics and film theory by the examination of the representation of women in German cinema from expressionism to the present. All materials and discussions in English. Previously offered as GERM/WGST 250.

**Rules & Requirements****Making Connections Gen Ed:** VP, NA.**Grading Status:** Letter grade.**Same as:** GERM 271, Cmpl 271. **WGST 272. Masculinities. 3 Credits.**

This class is an interdisciplinary study of masculinities as theorized by feminists and shaped by race, class, sexuality, gender identity, age, ability, and nationality. Meanings of masculinities will be addressed at multiple levels - historical, structural, cultural, and interpersonal - and in multiple sites - childhood, adolescence, the body, education, work, sports, popular culture, immigration, gender violence, and mass incarceration.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-KNOWING.**Making Connections Gen Ed:** SS, US.**Grading Status:** Letter grade. **WGST 275. Moral and Philosophical Issues of Gender in Society. 3 Credits.**

A survey of feminist perspectives on topics such as the meaning of oppression, sexism and racism, sex roles and stereotypes, ideals of female beauty, women in the workplace, pornography, rape. Honors version available.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.**Making Connections Gen Ed:** PH, US.**Grading Status:** Letter grade.**Same as:** PHIL 275.**WGST 277. Gender and Culture. 3 Credits.**

Examines what it means to be male, female, and other gendered categories in different societies. Focus on institutions, groups, and individuals that both shape and challenge how gender is understood, organized, and enacted.

**Rules & Requirements****Making Connections Gen Ed:** SS.**Grading Status:** Letter grade.**Same as:** ANTH 277. **WGST 278. Women in Science. 3 Credits.**

The role of women in scientific domains throughout history and a consideration of the status of women and men as scientists. The development of science as a cultural practice.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES, RESEARCH.**Making Connections Gen Ed:** HS, CI, EE- Mentored Research.**Grading Status:** Letter grade.**Same as:** ANTH 278. **WGST 280. Women and Gender in Latin American History. 3 Credits.**

Examines the experiences of women and gender relations in Latin American societies from pre-Columbian times to the present, providing a new perspective on the region's historical development.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.**Making Connections Gen Ed:** HS, BN.**Grading Status:** Letter grade.**Same as:** HIST 280. **WGST 281. Gender and Global Change. 3 Credits.**

Through a diverse set of texts, students will examine the role of armed conflict in forming United States empire in the 20th and 21st centuries. The course will also consider the gendered contradictions of freedom and historical embodiments of war and violence.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.**Making Connections Gen Ed:** SS, GL.**Grading Status:** Letter grade.

**WGST 285. African American Women in the Media. 3 Credits.**

This course will acquaint students with how African American women have been depicted (and depicted themselves) in 20th- and 21st-century media. The course will examine representations of African American women in several aspects of culture including film, art, print, television, theater, and music.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**WGST 290. Special Topics in Women's Studies. 3 Credits.**

Topics are announced in advance and reflect the interest of the particular instructor. Each course will concern itself with a study in depth of some problem or issue in women's studies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**WGST 302. Language and Power. 3 Credits.**

This course provides an overview of language and power studies. Issues: sexist and sex-neutral language; languages of subcultures defined by gender, sexual orientation, ethnicity; hate speech; "politically correct" language.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**Same as:** LING 302, ANTH 302.

**WGST 313. Women and the Law in Africa and the Middle East. 3 Credits.**

Explores women's and men's engagement with colonial and post-colonial legal systems with a focus on the 19th through 21st centuries. Topics include customary law, Islamic law, women's rights as human rights, disputation and conflict resolution. We will ask the question: "how does gender influence how women and men navigate legal systems?" Course previously offered as WMST 289.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN, GL.

**Grading Status:** Letter grade.

**Same as:** HIST 313.

**WGST 315. Sexuality and Salvation. 3 Credits.**

In Christianity and Islam, bodies populate the afterlife. What those bodies look like, how they act, what they feel are subjects of popular and scholarly contentious, long standing debates. The various answers that have been offered in these debates deeply affect Christian and Muslim responses to the body, sexuality, race, and gender in this life. This course examines how theories about sex, gender, and identity are constructed within two religious traditions' histories, ideas, and theories.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, US.

**Grading Status:** Letter grade.

**WGST 325. Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art. 3 Credits.**

This course focuses on the contemporary art and social change movement. We will learn how to use site-specific and performative art interventions to make invisible borders, boundaries, and other issues visible and innovatively to create engaged and sustained dialogue.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-GLOBAL.

**Making Connections Gen Ed:** VP, US.

**Grading Status:** Letter grade.

**Same as:** AMST 325.

**WGST 329. Middle East Women Writers. 3 Credits.**

We examine works written by Middle Eastern women. We will begin with reading speeches and short stories in the 1860s. We will focus on topics such as Middle Eastern women and feminism and the West; women and nationalism; women and colonialism; women and patriarchy; women, sexuality, and religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** LA, CI, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 329.

**WGST 330. Women's Health Activism in Twentieth Century America. 3 Credits.**

Course examines the history of women's health activism and advocacy in the 20th century United States. Course materials and discussions will trace the development of several women's health movements and causes, health activists' tactics and rhetoric, and the complex dynamic between lay activists and medical professionals.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** NA, US.

**Grading Status:** Letter grade.

**WGST 336. Digitizing the Body. 3 Credits.**

This class examines contemporary artistic production by international artists that engage, question, and challenge ideas of the body. Students will create work in relation to the body using digital media.

**Rules & Requirements**

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**WGST 337. African Gender History. 3 Credits.**

Required preparation, at least one AAAD or WMST course. This course seeks to familiarize students with scholarly debates on the importance of gender as a category of analysis, while gaining a greater sense of the African past.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-PAST.

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**WGST 340. Leadership in Violence Prevention. 3 Credits.**

Examines interpersonal violence, the factors that enable it, and prevention strategies. The course examines violence on both individual and structural levels, considering perpetrators, victims/survivors, and bystanders and drawing upon the expertise of local organizers and service providers in the system of care.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER, HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**WGST 345. Gender and Film. 3 Credits.**

This course examines the representations of women in contemporary American film and also considers women as producers of film.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-KNOWING.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**Same as:** COMM 345.

**WGST 350. Spitting in the Wind: "American" Women, Art, and Activism. 3 Credits.**

This course uses films, novels, and essays to engage with various notions of activism (as represented in art and social justice organizations) at play in hemispheric America.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE or FC-GLOBAL.

**Making Connections Gen Ed:** LA, US.

**Grading Status:** Letter grade.

**WGST 352. Rahtid Rebel Women: An Introduction to Caribbean Women. 3 Credits.**

This course uses films, novels, and essays to move beyond sun, sand, and sex representations of Caribbean women to examine how they negotiate imperial and national definitions of their place.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**WGST 353. War and Gender in Movies. 3 Credits.**

The course examines and compares the images of war and gender that movies from different time periods and countries propagate and explores the different factors that influence these images and thereby the perception and recollection of war. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 354, PWAD 354.

**WGST 354. American Women's History to 1865. 3 Credits.**

This course will explore women's experiences in America from 1500 to 1865. Topics will include the ways in which women have shaped American politics, economy, society, and culture.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** HIST 355.

**WGST 355. Youth, Sexuality, and the Law. 3 Credits.**

Examines how lawyers, laws, and legal institutions shape an understanding of sexuality and gender in young people. Through legal briefs and judicial opinions, articles, news media, and guest speakers, this course promotes critical thinking about our assumptions about what is "normal" and "appropriate" in youth sexuality and gender.

**Rules & Requirements**

**Grading Status:** Letter grade.

**WGST 356. American Women's History, 1865 to the Present. 3 Credits.**

This course will examine the changing lives of women in the United states after 1865: Their contribution to economy, society, cultural change, and political struggles.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** HIST 356.

**WGST 360. Lesbian, Gay, Bisexual, and Transgender Histories in the United States. 3 Credits.**

This course investigates the history of people who might today be defined as lesbian, gay, bisexual, or transgender (LGBT) in the United States. Key themes will include identity formation, culture, politics, medical knowledge, discrimination, and community.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** HIST 361.

**WGST 361. Asian American Women's Writing. 3 Credits.**

This course covers writings by Asian American women and examines issues of gender, race, and sexuality.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, CI, US.

**Grading Status:** Letter grade.

**Same as:** ENGL 361.

**WGST 362. Mary in the Christian Tradition. 3 Credits.**

In certain eras, Mary has been more central to Catholic devotion than Christ. This course explores doctrine, liturgy, and popular devotion centering on the Virgin in medieval European Christianity, her impact on colonial religion in the New World, and her roles in Protestantism, Eastern Orthodoxy, and Islam. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 362.

**WGST 363. Feminist Literary Theory. 3 Credits.**

Theories of feminist criticism in relation to general theory and women's writing. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**Same as:** ENGL 363.

**WGST 365. Sexuality, Gender, and Public Policy. 3 Credits.**

Public policies affect men and women differently, and they participate differently in the policy-making process. This course examines several key areas of public policy, some expressly related to gender or sexuality and others that have significantly gendered impacts, organized around four themes: family, labor, body, and the world.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** PLCY 365.

**WGST 368. Women of Color in Contemporary United States Social Movements. 3 Credits.**

This course will examine the role of women of color as grassroots activists, leaders, and thinkers in the new social and community movements of the postwar period.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Requisites:** Prerequisite, WGST 101.

**Grading Status:** Letter grade.

**WGST 370. Race, Sexuality, and Disability in the History of Western Christianity. 3 Credits.**

Over time, Christian institutions and traditions have helped constitute contemporary narratives of race, sexuality, and disability in society. This course examines shifting definitions and specific case studies from the premodern era through to contemporary discourses and polemics in America. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** RELI 368.

**WGST 371. Women Mystics. 3 Credits.**

An investigation of the forms, characteristics, and variety of the mystical experiences of women in medieval and modern Christianity, with comparative consideration of women mystics and spiritual leaders in at least two other religious traditions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, GL.

**Grading Status:** Letter grade.

**Same as:** RELI 371.

**WGST 373. Modern Women Writers. 3 Credits.**

The development of a women's literary tradition in the works of such writers as George Sand, George Eliot, Isak Dinesen, Colette, Virginia Woolf, Gertrude Stein, Marguerite Duras, Nathalie Sarraute, Marguerite Yourcenar.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** CMPL 374.

**WGST 374. Southern Women Writers. 3 Credits.**

The study of fiction, poetry, plays, and essays by Southern American women writers of the past 200 years, continuing to the present.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** ENGL 374.

**WGST 375. History of Gender in America. 3 Credits.**

This course will explore how Americans from 1600 to the present have defined what is masculine and what is feminine and how they have constructed their identities around those definitions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA, US.

**Grading Status:** Letter grade.

**Same as:** HIST 375.

**WGST 380. Almost Despicable Heroines in Japanese and Western Literature. 3 Credits.**

Authors' use of narrative techniques to create the separation between heroines and their fictional societies and sometimes also to alienate readers from the heroines. Austen, Flaubert, Ibsen, Arishima, Tanizaki, Abe.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**Same as:** CMPL 380, ASIA 380.

**WGST 382. African American Women's History. 3 Credits.**

The course covers the history of black women in the United States from the 18th century to the present. It deals with such themes as work, family, community, sexuality, politics, religion, and culture. Previously offered as HIST/WGST 569.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-PAST or FC-POWER.

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 385.



**WGST 386. Comparative Studies in Culture, Gender, and Global Forces. 3 Credits.**

Examines participatory development theory and practice in Africa and the United States in the context of other intervention strategies and with special attention to culture and gender.

**Rules & Requirements**

**Requisites:** Prerequisites, AAAD 101 and 130.

**Grading Status:** Letter grade.

**Same as:** AAAD 386.

**WGST 388. The International Politics of Sexual and Reproductive Health. 3 Credits.**

Permission of the instructor. Takes a feminist political economy perspective on debates over current health issues of international concern, including abortion, population control, and sexually transmitted infections. Focuses on the United States, Mexico, and Kenya, as well as on international organizations and social movements.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, BN, GL.

**Requisites:** Prerequisite, WGST 101.

**Grading Status:** Letter grade.

**WGST 393. Practicum in Women's and Gender Studies. 3 Credits.**

Permission of the instructor. A supervised internship designed to provide experience working in organizations concerned with women's or gender issues. Must be arranged with a faculty advisor during the semester prior to the internship. See the department's website for important information.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES, HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisite, WGST 101.

**Grading Status:** Letter grade.

**WGST 396. Independent Reading and Research. 3 Credits.**

Permission of curriculum chair. Faculty supervision required. Independent reading and research. A student can repeat the course as long as they work on a different topic each time they enroll.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level Courses****WGST 402. Feminist Ways of Knowing. 3 Credits.**

This course has two main purposes. First, it will build on the work students have done in WGST 202; students will explore more deeply significant trends, key theoretical texts, and epistemological and methodological debates in feminist thought. Second, by emphasizing connections among theory, method, evidence, and analysis, it will prepare students for the senior capstone course in which they develop and carry out a major research project.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, CI, US.

**Requisites:** Prerequisite, WGST 202.

**Grading Status:** Letter grade.

**WGST 405. Gender, Sexuality, Empire and Asian Pacific America. 3 Credits.**

This advanced undergraduate course examines the diverse terms by which empire and sexuality have produced and reflected gender in Asian Pacific America. This seminar brings together two strains of politicized critical analysis: queer/feminist studies and postcolonial studies through the interdisciplinary standpoint of Asian American studies. Close readings are drawn from the social sciences, humanities, and arts.

**Rules & Requirements**

**Making Connections Gen Ed:** GL, US.

**Requisites:** Prerequisite, WGST 101 or 111.

**Grading Status:** Letter grade.

**WGST 410. Comparative Queer Politics. 3 Credits.**

Permission of the instructor. Compares the histories, experiences, identities, and political struggles of sexual and gender minorities in Asia, the Middle East, Africa, and the Americas and at the United Nations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, BN, GL.

**Requisites:** Prerequisite, WGST 101.

**Grading Status:** Letter grade.

**WGST 415. Queer Theory and Religion. 3 Credits.**

This course examines the differing philosophical approaches in queer theory (psychoanalytic, cultural, transnational) in order to understand how scholars have incorporated discussions of sex, sexuality, gender, and race into their own work on religions.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, GL.

**Grading Status:** Letter grade.

**WGST 424. Gender Theory and the Study of Religion. 3 Credits.**

An examination of contemporary gender theory, with particular focus on its application to the study of religion.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER or FC-VALUES.

**Making Connections Gen Ed:** PH.

**Grading Status:** Letter grade.

**Same as:** RELI 424.

**WGST 438. Gender and Performance: Constituting Identity. 3 Credits.**

Examines the culturally and historically variable ways in which individuals constitute themselves as cis- or transgendered subjects, drawing upon extant expressive resources, modifying them, and expanding options available to others. Performance of self as the product of esthetically marked or unmarked, everyday actions.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 537, FOLK 537.

**WGST 440. Health and Gender after Socialism. 3 Credits.**

This course examines postsocialist experiences of the relationship between political, economic, social, and cultural transitions, and challenges in public health and gender relations.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ANTH 442.

**WGST 441. The Anthropology of Gender, Health, and Illness. 3 Credits.**

The course explores cultural beliefs, practices, and social conditions that influence health and sickness of women and men from a cross-cultural perspective.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 441.

**WGST 442. Gender, Class, Race, and Mass Media. 3 Credits.**

The media play a critical role in the construction and contestation of ideas about gender, class, and race. Using a range of methods, students will analyze media messages past and present to understand how gender, race, and class influence media production and consumption.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** MEJO 442.

 **WGST 443. Cultures and Politics of Reproduction. 3 Credits.**

This course takes a cross-cultural approach to understanding how reproduction and associated phenomena become arenas where political debates are played out, and where global and local social relations are contested.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Grading Status:** Letter grade.

**Same as:** ANTH 443.

**WGST 444. Race, Class, and Gender. 3 Credits.**

Conceptualizations of gender, race, and class and how, separately and in combination, they are interpreted by the wider society. Emphasis on how black and working-class women make sense of their experiences at work and within the family.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** SOCI 444.

 **WGST 445. Migration and Health. 3 Credits.**

This course examines the intersections between migration processes and the political, economic, and social dimensions of health and well-being among migrants, their families, and their communities.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 445.

 **WGST 446. American Women Authors. 3 Credits.**

American women authors from the beginnings to the present. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA, NA.

**Grading Status:** Letter grade.

**Same as:** ENGL 446.

**WGST 447. Gender, Space, and Place in the Middle East. 3 Credits.**

Examines gender, space, and place relationships in the modern Middle East. Investigates shifting gender geographies of colonialism, nationalism, modernization, and globalization in this region. (GHA)

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** GEOG 447, ASIA 447.

**WGST 448. Gender and Sexuality in Contemporary Judaism. 3 Credits.**

The seminar examines the developments in gender roles and in sexuality in contemporary Judaism.

**Rules & Requirements**

**Making Connections Gen Ed:** CI, NA.

**Grading Status:** Letter grade.

**Same as:** RELI 444, JWST 444.

 **WGST 450. Sexuality in Jewish Tradition and History. 3 Credits.**

This course deals with various topics related to sexuality and marriage in Jewish tradition and history: sex outside of marriage, wedding ceremonies, regulations of marital sex, menstruation, homosexuality, and more.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST or FC-VALUES.

**Making Connections Gen Ed:** PH, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 450.

**WGST 451. Women in the Visual Arts II. 3 Credits.**

Discussion of topics related to the representation of women in Western art and/or women as producers of art.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ARTH 451.

 **WGST 458. Archaeology of Sex and Gender. 3 Credits.**

Required preparation, at least one ANTH or one WMST course. A discussion of gender and sex roles and sexuality in past cultures; a cross-cultural examination of ways of knowing about past human behavior.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, WB.

**Grading Status:** Letter grade.

**Same as:** ANTH 458.

 **WGST 460. The Social Construction of Gendered Bodies. 3 Credits.**

Looking specifically at the social and cultural construction of women's bodies, this course considers the ways in which biological difference is imbued with social significance. Previously offered as WGST 550.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, WGST 101; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

 **WGST 465. Gender, (Im)migration, and Labor in Latina Literature. 3 Credits.**

Students will explore the representation of intersections between gender, identity, immigration, and migration in Latina/o literature. Emphasis will be placed on the intersections between labor, migration, and United States immigration policy.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, US.

**Requisites:** Prerequisite, WGST 101.

**Grading Status:** Letter grade.

 **WGST 471. Gender and Sexuality in Middle Eastern Literature. 3 Credits.**

We examine gender and sexuality in literature written by various authors from the Middle East. Our discussions will focus on the significance of sexuality, harems, same-sex desire and homosexuality, construction of female sexuality, masculinity, contraception and abortion, the institution of marriage, gay/lesbian underground subcultures, and social media as sexual outlet.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** LA, CI, GL.

**Grading Status:** Letter grade.

**Same as:** ASIA 471.

**WGST 475. Philosophical Issues in Gender, Race, and Class. 3 Credits.**

Examines in greater depth and complexity one or more of the issues addressed in PHIL 275, investigating issues of gender, race, and class within the dominant theories of philosophy.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Requisites:** Prerequisite, PHIL 275 or WGST 101.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**Same as:** PHIL 475.

**WGST 476. History of Feminism. 3 Credits.**

This course will examine the unprecedented surge of feminist thought and activism in the postwar United States. Course materials and discussions will trace feminists' varied conceptions of empowered womanhood and their expectations of the state, society at large, and each other. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**Same as:** HIST 475.

**WGST 477. Advanced Feminist Political Theory. 3 Credits.**

Examines in greater depth and complexity current issues in feminist political theory. Topics: theories of subjectivity and solidarity, feminist poststructuralist and post-Marxist thinking, gender in the public sphere.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, CI, NA.

**Grading Status:** Letter grade.

**Same as:** POLI 477.

**WGST 479. History of Female Sexualities. 3 Credits.**

Spanning the ancient, medieval, and modern West, this course explores normative and non-normative female sexualities, ideas about female bodies, and the regulation of female sexuality by families, religions, and states.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 479.

 **WGST 480. Queering China. 3 Credits.**

This course explores "queer" expressions in Chinese literature and visual culture from 1949 through the twenty-first century. It surveys a combination of all-time classics and lesser-known cultural texts featuring non-heteronormative sexual desire and gender-bending performance. We mobilize queer as a broad site of critique beyond Western models of the concept, asking not only how queer challenges normative bodyminds, but also how it negotiates notions of age, family, race, and the neoliberal order.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** BN.

**Grading Status:** Letter grade.

**Same as:** CHIN 480, Cmpl 480.

**WGST 482. Sex, Gender, and Religion in South Asia. 3 Credits.**

This seminar draws on feminist and philosophical theory, including the works of Plato, Butler, and Foucault, as well as postcolonial theory, to explore the categories of sex and gender in South Asian religions. We also analyze the moral cultivation of the self in relation to gender identity in South Asia.

**Rules & Requirements**

**Making Connections Gen Ed:** PH, BN.

**Grading Status:** Letter grade.

**Same as:** RELI 482, ASIA 482.

 **WGST 486. Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015). 3 Credits.**

Using Alexievich as our beacon, we will explore the writers behind the term "Russian Women's Prose": Valeria Narbikova, Lyudmila Petrushevskaya, Tatyana Tolstaya, and Lyudmila Ulitskaya. The course will delve into gender identity and body politics as they manifest themselves in the literary texts of lasting aesthetic quality and social relevance. Taught in English; some readings in Russian for qualified students.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-GLOBAL.

**Making Connections Gen Ed:** LA, BN.

**Grading Status:** Letter grade.

**Same as:** RUSS 486, EURO 486.

**WGST 500. Gender, Empire, and Nation. 3 Credits.**


This course explores the growing body of research on gender, empire, and nation/nationalism in modern European history by focusing on problems of national belongings and citizenship, state and nation building and empire formation, and the gendered discourses and representations of nation and empire.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 500.

 **WGST 503. Gender, Culture, and Development. 3 Credits.**

Classic writings and debates relating to gender and development, with emphasis on recent work that critiques conventional development models. The scope is global, with special attention to Latin America and to such questions as how alternative approaches to gender, culture, and development may be more inclusive of diverse peoples and grassroots movements for change.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**Same as:** ANTH 503.

**WGST 517. Gender, Military, and War. 3 Credits.**

This course introduces students to new research on the history of gender, the military, and war in a comparative perspective. It explores the interrelations between changing military systems, types of warfare, the gender order, as well as political, social, and cultural currents in modern history.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 517, PWAD 517.

 **WGST 524. Gender, Communication, and Culture. 3 Credits.**

Course examines the speeches and other texts that announced and embodied the goals and political strategies of multiple branches of three waves of feminist activism in the United States.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Requisites:** Prerequisite, COMM 224; permission of the instructor for non-majors.

**Grading Status:** Letter grade.

**Same as:** COMM 524.

 **WGST 533. Women, Gender, and Judaism. 3 Credits.**

This course examines historical developments in the study of women and gender in Judaism. We will discuss efforts to challenge and revitalize Jewish tradition through the lens of gender theory and other critical interpretive approaches. Topics to be addressed include biblical interpretation, Jewish law, feminist Jewish theology and liturgy, the renewal of ritual, the rabbinic ordination of women, gender identity, race, sexuality, queer, trans, and non-binary approaches, and representations of these themes in various media.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** HS, CI.

**Grading Status:** Letter grade.

**Same as:** RELI 533, JWST 533.

**WGST 537. Women in the Middle East. 3 Credits.**

Explores the lives of women in the Middle East and how they have changed over time. Focus will change each year.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, BN.

**Grading Status:** Letter grade.

**Same as:** HIST 537, ASIA 537.

**WGST 553. Theorizing Black Feminisms. 3 Credits.**

Introduction to the theoretical and practical contributions of African American feminists who maintain that issues of race, gender, sexuality, and social class are central, rather than peripheral, to any history or strategy for bringing about social justice in the United States.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisites, WGST 101 and 202; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**WGST 555. Women and Creativity. 3 Credits.**

This course will present an overview of the variety and diversity of contemporary American women's experiences of creative expressions. We explore how women have been historically excluded from the arts.

**Rules & Requirements**

**Requisites:** Prerequisites, WGST 101 and 202; permission of the instructor for students lacking the prerequisites.

**Grading Status:** Letter grade.

**WGST 560. Women and Religion in United States History. 3 Credits.**

An interdisciplinary consideration of women's roles, behavior, and ideas in the religious life of Americans from 1636 to 1982.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **WGST 561. Performance of Women of Color. 3 Credits.**

Explores through performance contemporary poetry, fiction, nonfiction, and feminist thought by women of color in the United States. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH.

**Requisites:** Prerequisite, COMM 160.

**Grading Status:** Letter grade.

**Same as:** COMM 561.

**WGST 562. Oral History and Performance. 3 Credits.**

This course combines readings and field work in oral history with the study of performance as a means of interpreting and conveying oral history texts. Honors version available.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Performing Arts.

**Grading Status:** Letter grade.

**Same as:** COMM 562, FOLK 562, HIST 562.

**WGST 568. Women in the South. 3 Credits.**

An exploration of the distinctive themes in Southern women's lives, using the evidence of history and literature.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 568.

**WGST 573. Psychology of Women and Gender. 3 Credits.**

This course will discuss theories, methods, and empirical research findings on the physical, cognitive, emotional, and social aspects of the psychology of women, as well as topics such as feminist psychology, intersectionality, bias in psychological research, sexual orientation, sexuality, lifespan development, work, and health. Men and masculinity, the psychology of transgender persons, and a critique of the gender binary are also discussed.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Requisites:** Prerequisite, PSYC 101 or WGST 101.

**Grading Status:** Letter grade.

**Same as:** PSYC 573.

**WGST 576. The Ethnohistory of Native American Women. 3 Credits.**

Introduces students to the study of Native American women through the perspectives of anthropology, history, and autobiography.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**Same as:** HIST 576.

**WGST 583. Gender and Imperialism. 3 Credits.**

Required preparation, one course in gender or non-Western societies. Permission of the instructor for students lacking the preparation. Focuses on feminist perspectives on imperialism, the effects of imperialism on colonized and European women, women's participation in anti-imperialist movements; and the legacies of imperialism for feminism today.

**Rules & Requirements**

**Making Connections Gen Ed:** HS, NA.

**Grading Status:** Letter grade.

**WGST 610. Feminism, Sexuality, and Human Rights. 3 Credits.**

Required preparation for undergraduates, WMST 101, one other WMST course beyond the introductory level, and junior/senior standing. Permission of the instructor required for both undergraduates and graduate students. Examines how transnational struggles over reproductive rights, HIV/AIDS, sex work, and "LGBT" rights have used, challenged, and transformed human rights discourses.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**WGST 620. Women in Hispanic Literature. 3 Credits.**

The image of woman in 16th- and 17th-century Hispanic literature. A study of texts by Spanish and Spanish American authors. Readings in Spanish or in English translation. Lectures in English.

**Rules & Requirements**

**Requisites:** Prerequisites, SPAN 371 and 373.

**Grading Status:** Letter grade.

**Same as:** SPAN 620.

**WGST 662. Gender Issues in Planning and Development. 3 Credits.**

Permission of the instructor required for undergraduates. Examination of the environmental and health risks, policy institutions, processes, instruments, policy analysis, and major elements of American environmental policy. Lectures and case studies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PLAN 662.

**WGST 664. Body and Suffering in Christian Mysticism. 3 Credits.**

Permission of the instructor for nonmajors. Medieval Christians consistently focused on the suffering body as a means of reflecting on Christ's sacrifice. This course considers how medical theories of cognition, gender, and pain influenced the potential role of the body in medieval mystical experience.

**Rules & Requirements**

**Making Connections Gen Ed:** NA, WB.

**Grading Status:** Letter grade.

**Same as:** RELI 665.

**WGST 665. Queer Latina/o Literature, Performance, and Visual Art. 3 Credits.**

This course explores literature, performance art, film, and photography by Latinas and Latinos whose works may be described as "queer" and that question terms and norms of cultural dominance.


**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, NA, US.

**Grading Status:** Letter grade.

**Same as:** ENGL 665.

 **WGST 666. Queer Latina/o Photography and Literature. 3 Credits.**  
This course explores Latina/o literature about photography in relation to photography by "queer" Latina/o artists and, through this double focus, poses certain questions about identity, subjectivity, and culture.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-POWER.

**Making Connections Gen Ed:** VP, NA, US.

**Grading Status:** Letter grade.

**Same as:** ENGL 666.

 **WGST 691H. Honors in Women's Studies. 3 Credits.**  
Senior standing and permission of the department. The first semester of the yearlong honors thesis in women's and gender studies. Completing WGST 691H fulfills the WGST 695 requirement for the major.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisites, WGST 101 and 202.

**Grading Status:** Letter grade.

 **WGST 692H. Honors in Women's Studies. 3 Credits.**  
Permission of department. Second semester of the yearlong honors thesis project.


#### Rules & Requirements

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, WGST 691H.

**Grading Status:** Letter grade.

 **WGST 695. Senior Seminar: Principles of Feminist Inquiry. 3 Credits.**  
Required preparation, at least one additional WGST course and senior standing or permission of the instructor. Required for majors; strongly recommended for minors. An advanced writing-intensive course drawing on a student's interests and background. Major research of specific topics utilizing feminist perspectives. Honors version available.

#### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** CI.

**Requisites:** Prerequisites, WGST 101 and 202.

**Grading Status:** Letter grade.

## Contact Information

### Department of Women's and Gender Studies

Visit Program Website (<http://womensstudies.unc.edu>)

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## Women's and Gender Studies Major, B.A.

The Department of Women's and Gender Studies offers a feminist interdisciplinary course of study that expands the process of knowledge production to include considerations of gender, race, class, and sexuality in the United States and globally. Students are exposed to scholarship on feminist theory and the intellectual, economic, political, and artistic contributions of women and feminist movements in various historical and cultural contexts.

## Student Learning Outcomes

Upon completion of the women's and gender studies program, students should be able to:






- Demonstrate knowledge of the major concepts, theoretical perspectives, empirical findings, and historical trends in women's and gender studies
- Conduct and present interdisciplinary research in the area of women's and gender studies in an effective manner
- Apply the principals and insights of women's and gender studies to personal, social, and community issues
- Think critically and analytically about current perspectives in women's and gender studies

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
Four intellectual and theoretical foundations courses:		
WGST 101	 Introduction to Women's Studies <sup>H</sup>	3
WGST 202	 Introduction to Feminist Thought	3
WGST 695	 Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3
	or WGST 691H  Honors in Women's Studies	
	One course on minority/Third World/non-Western women or gender (see list below).	3
	Three interdisciplinary perspectives courses chosen from at least two of the three categories (see lists below).	9
	One course in the theory and practice of women's and gender studies from the following options:	3
WGST 393	 Practicum in Women's and Gender Studies <sup>1</sup>	
	A fourth course chosen from one of the three interdisciplinary perspectives categories	

WGST 692H  Honors in Women's Studies <sup>2</sup>**Total Hours** **24**















<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> This faculty-supervised internship must be arranged in the semester prior to the semester of the internship (see Internship Guidelines on the departmental website (<https://womensstudies.unc.edu/courses-degrees/internship/>)).

<sup>2</sup> For qualified students. This yearlong honors thesis must be arranged in the semester prior to the year of the thesis. Requires approval of the department and the instructor. See Honors Thesis Guidelines on the departmental website.

Students must also fulfill all General Education requirements.












### Minority/Third World/Non-Western Women or Gender

Code	Title	Hours
AAAD/WGST 200	 Gender and Sexuality in Africa	3
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	3
AAAD 232/ WGST 266	 Black Women in America	3
ANTH/WGST 277	Gender and Culture	3
ASIA/GEOG/ WGST 447	Gender, Space, and Place in the Middle East	3
ASIA/HIST/WGST 537	Women in the Middle East	3
COMM/WGST 561	 Performance of Women of Color <sup>H</sup>	3
ENGL/WGST 665	 Queer Latina/o Literature, Performance, and Visual Art	3
ENGL/WGST 666	 Queer Latina/o Photography and Literature	3
HIST/WGST 280	 Women and Gender in Latin American History	3
HIST 385/ WGST 382	 African American Women's History	3
HIST/WGST 576	The Ethnohistory of Native American Women	3
PLAN/WGST 662	Gender Issues in Planning and Development	3
SPAN/WGST 620	Women in Hispanic Literature	3
WGST 64	 Plantation Lullabies: Literature by and about African American Women	3
WGST 211	 Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 233	 Introduction to Latina Literature	3
WGST 281	 Gender and Global Change	3
WGST 285	African American Women in the Media	3
WGST/HIST 313	 Women and the Law in Africa and the Middle East	3
WGST 337	 African Gender History	3
WGST 350	 Spitting in the Wind: "American" Women, Art, and Activism	3

WGST 352	 Rahtid Rebel Women: An Introduction to Caribbean Women	3
WGST 368	Women of Color in Contemporary United States Social Movements	3
WGST 388	 The International Politics of Sexual and Reproductive Health	3
WGST 405	Gender, Sexuality, Empire and Asian Pacific America	3
WGST 410	 Comparative Queer Politics	3
WGST 415	Queer Theory and Religion	3
WGST 465	 Gender, (Im)migration, and Labor in Latina Literature	3
WGST 553	Theorizing Black Feminisms	3
WGST 583	Gender and Imperialism	3
WGST 610	 Feminism, Sexuality, and Human Rights	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Interdisciplinary Perspectives Courses—Historical Studies

Code	Title	Hours
AAAD 201	 Introduction to African Literature	3
AAAD/WGST 200	 Gender and Sexuality in Africa	3
AMST/JWST/ WGST 253	A Social History of Jewish Women in America	3
ASIA/HIST/WGST 537	Women in the Middle East	3
CLAS/WGST 240	 Women in Greek Art and Literature <sup>H</sup>	3
CLAS/WGST 241	 Women in Ancient Rome <sup>H</sup>	3
CLAS/WGST 242	Sex and Gender in Antiquity	3
COMM/FOLK/ HIST/WGST 562	 Oral History and Performance <sup>H</sup>	3
HIST/EURO/ WGST 259	 Towards Emancipation? Women in Modern Europe	3
HIST/PWAD 354/ WGST 353	War and Gender in Movies <sup>H</sup>	3
HIST/PWAD/ WGST 517	Gender, Military, and War	3
HIST 361/ WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST/WGST 144	 Women in the United States from Settlement to Present	3
WGST/CMPL/ KOR 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3
HIST/WGST 264	Gender in Russian History	3
WGST 272	 Masculinities	3
HIST/WGST 280	 Women and Gender in Latin American History	3
HIST/WGST 375	History of Gender in America	3
HIST 385/ WGST 382	 African American Women's History	3


HIST/WGST 479	History of Female Sexualities	3
HIST/WGST 500	Gender, Empire, and Nation	3
HIST/WGST 568	Women in the South	3
HIST/WGST 576	The Ethnohistory of Native American Women	3
WGST/HIST 313	Women and the Law in Africa and the Middle East	3
WGST 337	African Gender History	3
WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
WGST 370	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
WGST 382/ HIST 385	African American Women's History	3
WGST 560	Women and Religion in United States History	3
WGST 583	Gender and Imperialism	3
ENGL/WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
ENGL/WGST 666	Queer Latina/o Photography and Literature	3
GERM/WGST 220	Women in the Middle Ages	3
GERM/CMPL/ WGST 271	Women in German Cinema	3
MUSC/WGST 188	Introduction to Women and Music	3
MUSC/WGST 248	Gender on the Musical Stage	3
PHIL/WGST 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3
PHIL/WGST 475	Philosophical Issues in Gender, Race, and Class	3
RELI/WGST 362	Mary in the Christian Tradition <sup>H</sup>	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3
RUSS/WGST 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
SPAN/WGST 620	Women in Hispanic Literature	3
WGST 64	Plantation Lullabies: Literature by and about African American Women	3
WGST 66	First-Year Seminar: Growing Up Girl, Globally	3
WGST 68	First-Year Seminar: Assumed Identities: Performance in Photography	3
WGST/ASIA 127	Iranian Women Writers	3
WGST 202	Introduction to Feminist Thought	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 215	Gender and Spirituality	3
WGST 230	Women in Contemporary Art: A Field Study	3
WGST 231	Gender and Popular Culture	3
WGST 232	Identity in Transit: Performing the Self through Photography	3
WGST 233	Introduction to Latina Literature	3
WGST 281	Gender and Global Change	3
WGST 285	African American Women in the Media	3
WGST 315	Sexuality and Salvation	3
WGST/ASIA 329	Middle East Women Writers	3
WGST 336	Digitizing the Body	3
WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3
WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3
WGST 402	Feminist Ways of Knowing	3
WGST 405	Gender, Sexuality, Empire and Asian Pacific America	3
WGST 415	Queer Theory and Religion	3
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Interdisciplinary Perspectives Courses—Humanities and Fine Arts


















Code	Title	Hours
AMST/WGST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
ANTH/LING/ WGST 302	Language and Power	3
ANTH/FOLK 537/ WGST 438	Gender and Performance: Constituting Identity	3
ANTH/WGST 222	Prehistoric Art	3
ARTH/WGST 254	Women in the Visual Arts I	3
ARTH/WGST 451	Women in the Visual Arts II	3
ASIA/CMPL/ WGST 380	Almost Despicable Heroines in Japanese and Western Literature	3
CMPL 374/ WGST 373	Modern Women Writers	3
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>	3
COMM/WGST 345	Gender and Film	3
COMM/WGST 524	Gender, Communication, and Culture	3
COMM/WGST 561	Performance of Women of Color <sup>H</sup>	3
ENGL/WGST 140	Introduction to Gay and Lesbian Culture and Literature	3
ENGL/WGST 263	Literature and Gender <sup>H</sup>	3
ENGL/WGST 361	Asian American Women's Writing	3
ENGL/WGST 363	Feminist Literary Theory <sup>H</sup>	3
ENGL/WGST 374	Southern Women Writers	3
ENGL/WGST 446	American Women Authors <sup>H</sup>	3








WGST/ASIA 471	 Gender and Sexuality in Middle Eastern Literature	3
WGST 555	Women and Creativity	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Interdisciplinary Perspectives Courses—Social Sciences

Code	Title	Hours
AAAD/WGST 200	 Gender and Sexuality in Africa	3
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	3
AAAD 232/ WGST 266	 Black Women in America	3
ANTH/WGST 277	Gender and Culture	3
ANTH/WGST 278	 Women in Science	3
ANTH/WGST 441	The Anthropology of Gender, Health, and Illness	3
ANTH/WGST 443	 Cultures and Politics of Reproduction	3
ANTH/WGST 445	 Migration and Health	3
ANTH/WGST 458	 Archaeology of Sex and Gender	3
ANTH 442/ WGST 440	Health and Gender after Socialism	3
ASIA/GEOG/ WGST 447	Gender, Space, and Place in the Middle East	3
EXSS/WGST 260	Women and Sport	3
GEOG/WGST 225	Space, Place, and Difference	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
MEJO/WGST 442	Gender, Class, Race, and Mass Media	3
PLAN 52/ WGST 51	 First-Year Seminar: Race, Sex, and Place in America	3
PLAN/WGST 662	Gender Issues in Planning and Development	3
POLI/WGST 217	 Women and Politics	3
POLI/WGST 265	 Feminism and Political Theory	3
POLI/WGST 477	Advanced Feminist Political Theory	3
RELI/WGST 244	 Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 371	Women Mystics	3
RELI/WGST 424	 Gender Theory and the Study of Religion	3
RELI/WGST 450	 Sexuality in Jewish Tradition and History	3
SOCI/WGST 124	 Sex and Gender in Society	3
SOCI/WGST 444	Race, Class, and Gender	3
WGST 111	 Introduction to Sexuality Studies <sup>H</sup>	3
WGST 270	 Introduction to Transgender Studies	3
WGST 340	 Leadership in Violence Prevention	3
WGST 355	Youth, Sexuality, and the Law	3
WGST 368	Women of Color in Contemporary United States Social Movements	3
WGST 388	 The International Politics of Sexual and Reproductive Health	3

WGST 410	 Comparative Queer Politics	3
WGST 460	 The Social Construction of Gendered Bodies	3
WGST/ASIA/RELI 482	Sex, Gender, and Religion in South Asia	3
WGST 553	Theorizing Black Feminisms	3
WGST 573	 Psychology of Women and Gender	3
WGST 610	 Feminism, Sexuality, and Human Rights	3
WGST 695	 Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Women's and Gender Studies

### Honors in Women's and Gender Studies

The honors program is designed to encourage independent thought and research among outstanding undergraduate majors in women's and gender studies. Students must take the capstone WGST 695H and WGST 691H during the fall semester and WGST 692H (spring semester). Students must plan their project with a faculty advisor and secure permission from both the chair of the department and the faculty advisor. Guidelines and forms for the initial contract are available in the department's office and on our website (<https://womensstudies.unc.edu/>). Students interested in the honors thesis must have at least a 3.3 overall grade point average and a 3.5 or greater grade point average in courses taken for the major.

### Internships (Fall Semester Only)

The Department of Women's and Gender Studies Internship Program (WGST 393) allows students the opportunity to receive course credit while gaining practical experience in a variety of fields concerned with feminist issues. The internship has two components:

1. work in a local agency
2. a weekly class taught by a faculty member in the Department of Women's and Gender Studies.

For further information visit the department website (<https://womensstudies.unc.edu/courses/internships/>).

## Department Programs

### Major

- Women's and Gender Studies Major, B.A. (p. 1022)

### Minors

- Women's and Gender Studies Minor (p. 1026)
- Sexuality Studies Minor (p. 1028)

## Contact Information

### Department of Women's and Gender Studies

Visit Program Website (<http://womensstudies.unc.edu>)  
208 Smith Building, CB# 3135  
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### Chair

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## Women's and Gender Studies Minor

The Department of Women's and Gender Studies offers a feminist interdisciplinary course of study that expands the process of knowledge production to include considerations of gender, race, class, and sexuality in the United States and globally. Students are exposed to recent scholarship on feminist theory and the intellectual, economic, political, and artistic contributions of women and feminist movements in various historical and cultural contexts.


## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).





The minor consists of 15 credits (five courses).












Code	Title	Hours
<b>Core Requirements</b>		
WGST 101	 Introduction to Women's Studies <sup>H</sup>	3
Four courses chosen from at least two of the following three categories. <sup>1</sup>		12
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> WGST 202 and WGST 695 are strongly recommended for minors and will count towards the 12 credits taken after WGST 101. An internship in women's and gender studies (WGST 393) can also count towards the 12 credits.




## Historical Studies

Code	Title	Hours
AAAD 201	 Introduction to African Literature	3
AAAD/WGST 200	 Gender and Sexuality in Africa	3
AMST/JWST/ WGST 253	A Social History of Jewish Women in America	3
ASIA/HIST/WGST 537	Women in the Middle East	3
CLAS/WGST 240	 Women in Greek Art and Literature <sup>H</sup>	3
CLAS/WGST 241	 Women in Ancient Rome <sup>H</sup>	3
CLAS/WGST 242	Sex and Gender in Antiquity	3

COMM/FOLK/ HIST/WGST 562	 Oral History and Performance <sup>H</sup>	3
HIST/EURO/ WGST 259	 Towards Emancipation? Women in Modern Europe	3
HIST/PWAD 354/ WGST 353	War and Gender in Movies <sup>H</sup>	3
HIST/PWAD/ WGST 517	Gender, Military, and War	3
HIST 361/ WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST/WGST 144	 Women in the United States from Settlement to Present	3
HIST/WGST 264	Gender in Russian History	3
HIST/WGST 280	 Women and Gender in Latin American History	3
HIST/WGST 375	History of Gender in America	3
HIST 385/ WGST 382	 African American Women's History	3
HIST/WGST 479	History of Female Sexualities	3
HIST/WGST 500	Gender, Empire, and Nation	3
HIST/WGST 568	Women in the South	3
HIST/WGST 576	The Ethnohistory of Native American Women	3
WGST/CMPL/ KOR 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3
WGST 272	 Masculinities	3
WGST/HIST 313	 Women and the Law in Africa and the Middle East	3
WGST 337	 African Gender History	3
WGST 360/ HIST 361	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
WGST 370	 Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
WGST 382/ HIST 385	 African American Women's History	3
WGST 560	Women and Religion in United States History	3
WGST 583	Gender and Imperialism	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Humanities and Fine Arts

Code	Title	Hours
AMST/WGST 325	 Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
ANTH/LING/ WGST 302	 Language and Power	3
ANTH/FOLK 537/ WGST 438	Gender and Performance: Constituting Identity	3
ANTH/WGST 222	 Prehistoric Art	3
ARTH/WGST 254	Women in the Visual Arts I	3
ARTH/WGST 451	Women in the Visual Arts II	3

ASIA/CMPL/ WGST 380	Almost Despicable Heroines in Japanese and Western Literature	3
CMPL 374/ WGST 373	Modern Women Writers	3
COMM/WGST 224	Introduction to Gender and Communication <sup>H</sup>	3
COMM/WGST 345	Gender and Film	3
COMM/WGST 524	Gender, Communication, and Culture	3
COMM/WGST 561	Performance of Women of Color <sup>H</sup>	3
ENGL/WGST 140	Introduction to Gay and Lesbian Culture and Literature	3
ENGL/WGST 263	Literature and Gender <sup>H</sup>	3
ENGL/WGST 361	Asian American Women's Writing	3
ENGL/WGST 363	Feminist Literary Theory <sup>H</sup>	3
ENGL/WGST 374	Southern Women Writers	3
ENGL/WGST 446	American Women Authors <sup>H</sup>	3
ENGL/WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
ENGL/WGST 666	Queer Latina/o Photography and Literature	3
GERM/WGST 220	Women in the Middle Ages	3
GERM/CMPL/ WGST 271	Women in German Cinema	3
MUSC/WGST 188	Introduction to Women and Music	3
MUSC/WGST 248	Gender on the Musical Stage	3
PHIL/WGST 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3
PHIL/WGST 475	Philosophical Issues in Gender, Race, and Class	3
RELI/WGST 362	Mary in the Christian Tradition <sup>H</sup>	3
RELI 665/ WGST 664	Body and Suffering in Christian Mysticism	3
RUSS/WGST 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
SPAN/WGST 620	Women in Hispanic Literature	3
WGST 64	Plantation Lullabies: Literature by and about African American Women	3
WGST 66	First-Year Seminar: Growing Up Girl, Globally	3
WGST 68	First-Year Seminar: Assumed Identities: Performance in Photography	3
WGST/ASIA 127	Iranian Women Writers	3
WGST 202	Introduction to Feminist Thought	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3
WGST 215	Gender and Spirituality	3
WGST 230	Women in Contemporary Art: A Field Study	3
WGST 231	Gender and Popular Culture	3

WGST 232	Identity in Transit: Performing the Self through Photography	3
WGST 233	Introduction to Latina Literature	3
WGST 281	Gender and Global Change	3
WGST 285	African American Women in the Media	3
WGST 315	Sexuality and Salvation	3
WGST/ASIA 329	Middle East Women Writers	3
WGST 336	Digitizing the Body	3
WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3
WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3
WGST 402	Feminist Ways of Knowing	3
WGST 405	Gender, Sexuality, Empire and Asian Pacific America	3
WGST 415	Queer Theory and Religion	3
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3
WGST/ASIA 471	Gender and Sexuality in Middle Eastern Literature	3
WGST 555	Women and Creativity	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Social Sciences

Code	Title	Hours
AAAD/WGST 200	Gender and Sexuality in Africa	3
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	3
AAAD 232/ WGST 266	Black Women in America	3
ANTH/WGST 277	Gender and Culture	3
ANTH/WGST 278	Women in Science	3
ANTH/WGST 441	The Anthropology of Gender, Health, and Illness	3
ANTH/WGST 443	Cultures and Politics of Reproduction	3
ANTH/WGST 445	Migration and Health	3
ANTH/WGST 458	Archaeology of Sex and Gender	3
ANTH 442/ WGST 440	Health and Gender after Socialism	3
ASIA/GEOG/ WGST 447	Gender, Space, and Place in the Middle East	3
EXSS/WGST 260	Women and Sport	3
GEOG/WGST 225	Space, Place, and Difference	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
MEJO/WGST 442	Gender, Class, Race, and Mass Media	3
PLAN 52/ WGST 51	First-Year Seminar: Race, Sex, and Place in America	3
PLAN/WGST 662	Gender Issues in Planning and Development	3
POLI/WGST 217	Women and Politics	3

POLI/WGST 265	Feminism and Political Theory	3
POLI/WGST 477	Advanced Feminist Political Theory	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI/WGST 371	Women Mystics	3
RELI/WGST 424	Gender Theory and the Study of Religion	3
RELI/WGST 450	Sexuality in Jewish Tradition and History	3
SOCI/WGST 124	Sex and Gender in Society	3
SOCI/WGST 444	Race, Class, and Gender	3
WGST 111	Introduction to Sexuality Studies <sup>H</sup>	3
WGST 270	Introduction to Transgender Studies	3
WGST 340	Leadership in Violence Prevention	3
WGST 355	Youth, Sexuality, and the Law	3
WGST 368	Women of Color in Contemporary United States Social Movements	3
WGST 388	The International Politics of Sexual and Reproductive Health	3
WGST 410	Comparative Queer Politics	3
WGST 460	The Social Construction of Gendered Bodies	3
WGST/ASIA/RELI 482	Sex, Gender, and Religion in South Asia	3
WGST 553	Theorizing Black Feminisms	3
WGST 573	Psychology of Women and Gender	3
WGST 610	Feminism, Sexuality, and Human Rights	3
WGST 695	Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 1025) for special opportunities.

## Department Programs

### Major

- Women's and Gender Studies Major, B.A. (p. 1022)

### Minors

- Women's and Gender Studies Minor (p. 1026)
- Sexuality Studies Minor (p. 1028)

## Contact Information

### Department of Women's and Gender Studies

Visit Program Website (<http://womensstudies.unc.edu>)

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(919) 962-3908

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### Director of Undergraduate Studies

Susan Harbage Page

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## Sexuality Studies Minor

The minor in sexuality studies coordinates scholars and students from a range of disciplines to study, teach, and create knowledge about human sexuality in its myriad functions and forms.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The five courses required for the minor must include at least one core course and involve work in at least three different departments or curricula.

Code	Title	Hours
<b>Requirements</b>		
Core courses (at least one of the following)		3
COMM 549	Sexuality and Visual Culture	
ENGL/WGST 140	Introduction to Gay and Lesbian Culture and Literature	
HIST 566	The History of Sexuality in America	
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	
SOCI/WGST 124	Sex and Gender in Society	
WGST 111	Introduction to Sexuality Studies <sup>H</sup>	
Additional courses (see list below) <sup>1</sup>		12
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Where appropriate, courses taken at Duke University or in a study abroad program also may count toward the minor.

As an example, a minor in sexuality studies could be constructed from WGST 111, AMST 269, HIST 236, HIST 535, and WGST 101, for a minimum of 15 hours from at least three departments or curricula.

## Additional Courses

Code	Title	Hours
AAAD 232/ WGST 266	Black Women in America	3
AMST/ENGL/ POLI 248/ WGST 249	Intersectionality: Race, Gender, Sexuality, and Social Justice	3
AMST 269	Mating and Marriage in America	3
AMST 371	LGBTQ Film and Fiction from 1950 to the Present	3

ANTH 442	Health and Gender after Socialism <sup>WGST 440</sup>	3
ANTH/FOLK 473	Anthropology of the Body and the Subject	3
ANTH/LING/ WGST 302	Language and Power	3
ANTH/WGST 277	Gender and Culture	3
ANTH/WGST 443	Cultures and Politics of Reproduction	3
ANTH/WGST 458	Archaeology of Sex and Gender	3
ARTH 586	Cultural Politics in Contemporary Art	3
ASIA/JWST/ PWAD 235	Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ASIA/ECON 469	Asian Economic Systems	3
CLAS/WGST 242	Sex and Gender in Antiquity	3
CMPL 254	Horror and the Global Gothic: Film, Literature, Theory	3
CMPL 453	The Erotic Middle Ages	3
CMPL 468	Aestheticism	3
CMPL 487	Literature and the Arts of Love	3
COMM 549	Sexuality and Visual Culture	3
COMM 652	Media and Difference	3
EDUC 375	Identity and Sexuality	3
ENGL 153	Sex, Gender, and Sexuality in the Premodern World	3
ENGL 279	Migration and Globalization	3
ENGL/WGST 140	Introduction to Gay and Lesbian Culture and Literature	3
ENGL/WGST 363	Feminist Literary Theory <sup>H</sup>	3
ENGL 661	Introduction to Literary Theory	3
ENGL/WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
ENGL/WGST 666	Queer Latina/o Photography and Literature	3
FREN 285	Sex, Philosophy, and Politics: Revolutionary Literature in Translation	3
HIST 236	Sex and American History	3
HIST 398	Undergraduate Seminar in History (with approval, based on topic) <sup>H</sup>	3
HIST 535	Women and Gender in African History <sup>H</sup>	3
HIST 566	The History of Sexuality in America	3
HIST 361/ WGST 360	Lesbian, Gay, Bisexual, and Transgender Histories in the United States	3
HIST 475/ WGST 476	History of Feminism <sup>H</sup>	3
HIST/WGST 479	History of Female Sexualities	3
JWST/RELI 444/ WGST 448	Gender and Sexuality in Contemporary Judaism	3
PLAN 52/ WGST 51	First-Year Seminar: Race, Sex, and Place in America	3
POLI/WGST 265	Feminism and Political Theory	3
RELI/WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI 368/ WGST 370	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
RELI/WGST 424	Gender Theory and the Study of Religion	3

RELI/ASIA 485	Gender and Sexuality in Islam	3
RELI/WGST 450	Sexuality in Jewish Tradition and History	3
RUSS 277	Love, Sex, and Marriage in Soviet Culture	3
SOCI/WGST 124	Sex and Gender in Society	3
WGST 101	Introduction to Women's Studies <sup>H</sup>	3
WGST 231	Gender and Popular Culture	3
WGST 270	Introduction to Transgender Studies	3
WGST 272	Masculinities	3
WGST 285	African American Women in the Media	3
WGST 388	The International Politics of Sexual and Reproductive Health	3
WGST 410	Comparative Queer Politics	3
WGST 405	Gender, Sexuality, Empire and Asian Pacific America	3
WGST 460	The Social Construction of Gendered Bodies	3
WGST 553	Theorizing Black Feminisms	3
WGST 610	Feminism, Sexuality, and Human Rights	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

See the program page here (p. 1025) for special opportunities.

## Department Programs

### Major

- Women's and Gender Studies Major, B.A. (p. 1022)

### Minors

- Women's and Gender Studies Minor (p. 1026)
- Sexuality Studies Minor (p. 1028)

## Contact Information

### Department of Women's and Gender Studies

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### Chair

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# Undergraduate Programs of Study: Majors and Minors

## A

- Aerospace Studies Minor (p. 34)
- African American and Diaspora Studies Minor (p. 50)
- African Studies Minor (p. 49)
- African, African American, and Diaspora Studies Major, B.A. (p. 48)
- American Indian and Indigenous Studies Minor (p. 70)
- American Studies Major, B.A. (p. 66)
- American Studies Major, B.A.—American Indian and Indigenous Studies Concentration (p. 68)
- American Studies Minor (p. 70)
- Anthropology (General) Minor (p. 97)
- Anthropology Major, B.A. (p. 93)
- Applied Sciences and Engineering Minor (p. 105)
- Arabic Minor (p. 203)
- Archaeology Major, B.A. (p. 109)
- Archaeology Minor (p. 111)
- Art History Major, B.A. (p. 132)
- Art History Minor (p. 142)
- Asian Studies Major, B.A.—Arab Cultures Concentration (p. 181)
- Asian Studies Major, B.A.—Chinese Concentration (p. 185)
- Asian Studies Major, B.A.—Interdisciplinary Concentration (p. 173)
- Asian Studies Major, B.A.—Japanese Concentration (p. 190)
- Asian Studies Major, B.A.—Korean Studies Concentration (p. 195)
- Asian Studies Major, B.A.—South Asian Studies Concentration (p. 198)
- Asian Studies Minor (p. 202)
- Astronomy Minor (p. 805)

## B

- Biology Major, B.A. (p. 245)
- Biology Major, B.S. (p. 236)
- Biology Major, B.S.—Quantitative Biology Track (p. 240)
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- Biomedical Engineering Major, B.S. (p. 256)
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- Business Administration Major, B.S.B.A. (p. 1052)
- Business Administration Minor (p. 1055)

## C

- Certificate Programs in Media and Journalism (p. 1122)
- Chemistry Major, B.A. (p. 276)
- Chemistry Major, B.S. (p. 279)
- Chemistry Major, B.S.—Biochemistry Track (p. 283)
- Chemistry Major, B.S.—Polymer Track (p. 286)
- Chemistry Minor (p. 290)
- Chinese Minor (p. 204)
- Classical Humanities Minor (p. 314)
- Classics Major, B.A.—Classical Archaeology (p. 309)
- Classics Major, B.A.—Classical Civilization (p. 310)

- Classics Major, B.A.—Greek, Latin, and Combined Greek and Latin (p. 312)
- Clinical Laboratory Science Major, B.S. (p. 1126)
- Coaching Education Minor (p. 533)
- Communication Studies Major, B.A. (p. 329)
- Comparative Literature Minor (p. 449)
- Composition, Rhetoric, and Digital Literacy Minor (p. 450)
- Computer Science Major, B.A. (p. 345)
- Computer Science Major, B.S. (p. 348)
- Computer Science Minor (p. 352)
- Conflict Management Minor (p. 759)
- Contemporary European Studies Major, B.A. (p. 508)
- Creative Writing Minor (p. 451)

## D

- Data Science Minor (p. 1006)
- Dental Hygiene Major, B.S. (p. 1065)
- Doctor of Dental Surgery, D.D.S. (p. 1059)
- Dramatic Art Major, B.A. (p. 360)
- Dramatic Art Minor (p. 362)

## E

- Earth and Marine Sciences Major, B.S. (p. 378)
- Economics Major, B.A. (p. 396)
- Economics Major, B.S. (p. 399)
- Education Minor (p. 1091)
- Engineering for Environmental Change, Climate, and Health Minor (p. 505)
- English and Comparative Literature Major, B.A. (p. 441)
- English Minor (p. 454)
- Entrepreneurship Minor (p. 401)
- Environmental Health Sciences Major, B.S.P.H. (p. 500)
- Environmental Justice Minor (p. 551)
- Environmental Microbiology Minor (p. 382)
- Environmental Science and Studies Minor (p. 488)
- Environmental Science Major, B.S. (p. 480)
- Environmental Studies Major, B.A. (p. 471)
- Exercise and Sport Science Major, B.A.—Fitness Professional (p. 528)
- Exercise and Sport Science Major, B.A.—General (p. 529)
- Exercise and Sport Science Major, B.A.—Sport Administration (p. 531)
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## F

- Food Studies Minor (p. 488)
- French Minor (p. 969)

## G

- Geographic Information Sciences Minor (p. 554)
- Geography Major, B.A. (p. 546)
- Geography Minor (p. 553)

- Geological Sciences Major, B.A. –Earth Science Concentration (p. 380)
- Geological Sciences Minor (p. 384)
- German Minor (p. 595)
- Germanic and Slavic Languages and Literatures Major, B.A. –Central European Studies Concentration (p. 580)
- Germanic and Slavic Languages and Literatures Major, B.A. –German Literature and Culture Concentration (p. 584)
- Germanic and Slavic Languages and Literatures Major, B.A. –German Media, Arts, and Culture Concentration (p. 586)
- Germanic and Slavic Languages and Literatures Major, B.A. –Russian Language and Culture Concentration (p. 590)
- Germanic and Slavic Languages and Literatures Major, B.A. –Slavic and East European Languages and Cultures Concentration (p. 592)
- Global Cinema Minor (p. 455)
- Global Studies Major, B.A. (p. 606)
- Greek Minor (p. 314)

## H

- Health and Society Minor (p. 991)
- Health Policy and Management Major, B.S.P.H. (p. 617)
- Heritage and Global Engagement Minor (p. 97)
- Hindi-Urdu Minor (p. 207)
- Hispanic Studies Minor (p. 971)
- History Major, B.A. (p. 650)
- History Minor (p. 659)
- Human and Organizational Leadership Development Major, B.A. (p. 1089)
- Human Development and Family Science Major, B.A.Ed. (p. 1085)
- Human Development, Sustainability, and Rights in Africa and the African Diaspora Minor (p. 51)

## I

- Information Science Major, B.S. (p. 1099)
- Information Systems Minor (p. 1102)
- Interdisciplinary Studies Major, B.A. (p. 669)
- Interdisciplinary Studies Major, B.A. –Cultural Studies (p. 334)
- Islamic and Middle Eastern Studies Minor (p. 912)
- Italian Minor (p. 970)

## J

- Japanese Minor (p. 208)
- Jewish Studies Minor (p. 914)

## K

- Korean Minor (p. 209)

## L

- Latin American Studies Major, B.A. (p. 672)
- Latin Minor (p. 315)
- Latina/o Studies Minor (p. 456)
- Linguistics Major, B.A. (p. 684)
- Linguistics Minor (p. 685)

## M

- Management and Society Major, B.A. (p. 988)
- Marine Sciences Minor (p. 384)
- Mathematics Major, B.A. (p. 695)
- Mathematics Major, B.S. (p. 698)
- Mathematics Minor (p. 702)
- Media and Journalism Major, B.A. (p. 1116)
- Media and Journalism Minor (p. 1121)
- Medical Anthropology Major, B.A. (p. 95)
- Medical Anthropology Minor (p. 99)
- Medicine, Literature, and Culture Minor (p. 458)
- Medieval and Early Modern Studies (MEMS) Minor (p. 660)
- Middle Eastern Languages Minor (p. 210)
- Military Science and Leadership Minor (p. 706)
- Modern Hebrew Minor (p. 206)
- Music Major, B.A. (p. 720)
- Music Major, Bachelor of Music (B.Mus.) (p. 724)
- Music Minor (p. 729)
- Musical Theatre Performance Minor (p. 363)

## N

- Naval Science Minor (p. 734)
- Neuroscience Major, B.S. (p. 839)
- Neuroscience Minor (p. 856)
- Nursing Major, B.S.N. (p. 1145)
- Nutrition Major, B.S.P.H. (p. 739)

## P

- Peace, War, and Defense Major, B.A. (p. 755)
- Persian Minor (p. 212)
- Pharmaceutical Sciences Minor (p. 1154)
- Philosophy Major, B.A. (p. 776)
- Philosophy Minor (p. 777)
- Philosophy, Politics, and Economics (PPE) Minor (p. 778)
- Physics Major, B.A. (p. 790)
- Physics Major, B.S. (p. 799)
- Physics Minor (p. 806)
- Political Science Major, B.A. (p. 821)
- Portuguese Minor (p. 971)
- Psychology Major, B.A. (p. 845)
- Psychology Major, B.S. (p. 850)
- Public Policy Major, B.A. (p. 867)
- Public Policy Minor (p. 873)

## R

- Radiologic Science Major, B.S. (p. 1133)
- Real Estate Minor (p. 1056)
- Religious Studies Major, B.A. (p. 906)
- Religious Studies Major, B.A. –Jewish Studies Concentration (p. 910)
- Religious Studies Minor (p. 916)

- Romance Languages Major, B.A. –French and Francophone Studies (p. 951)
- Romance Languages Major, B.A. –Hispanic Linguistics (p. 966)
- Romance Languages Major, B.A. –Hispanic Studies (p. 962)
- Romance Languages Major, B.A. –Italian (p. 956)
- Romance Languages Major, B.A. –Portuguese (p. 959)
- Russian Culture Minor (p. 597)

## S

- Sexuality Studies Minor (p. 1028)
- Slavic and East European Languages and Cultures Minor (p. 599)
- Social and Economic Justice Minor (p. 992)
- Sociology Major, B.A. (p. 985)
- Spanish Minor for the Professions (p. 972)
- Speech and Hearing Sciences Minor (p. 1136)
- Sports Medicine Minor (p. 534)
- Statistics and Analytics Major, B.S. (p. 1002)
- Statistics and Analytics Minor (p. 1005)
- Studio Art Major, B.A. (p. 136)
- Studio Art Major, Bachelor of Fine Arts (B.F.A) (p. 139)
- Studio Art Minor (p. 143)
- Study of Christianity and Culture Minor (p. 919)
- Sustainability Studies Minor (p. 490)

## T

- Translation and Interpreting Minor (p. 973)

## U

- Urban Studies and Planning Minor (p. 297)

## W

- Women's and Gender Studies Major, B.A. (p. 1022)
- Women's and Gender Studies Minor (p. 1026)
- Writing for the Screen and Stage Minor (p. 335)



# RESOURCES: ACADEMIC AND RESEARCH

## Thrive@Carolina Campus Hubs

Chloë J. Russell, M.Ed., *Associate Dean and Director*

Thrive@Carolina Campus Hubs (Hubs), which includes Academic Advising (<https://advising.unc.edu>), is a collaborative and innovative approach to deliver holistic support to undergraduates from admission through graduation. Its mission is to champion students' individual stories through purposeful interactions so that they achieve their academic, personal, and post-UNC goals. Anchored in the belief that we serve a diverse population in which every student does not need the same support or know the same information, Hubs partner with students as they unlock their potential, activate their plans, secure their opportunities, and cultivate their community. Nestled within the College of Arts & Sciences, Hubs are comprised of approximately 60 full- and part-time personnel and serve students in a variety of campus locations.

## Center for Student Success

Dr. Marcus L. Collins, Ed.D., *Associate Dean and Director*  
2203 SASB North; (919) 966-2143.

The Center for Student Success (CFSS) (<https://studentsuccess.unc.edu>) has a simple mission, which is connecting with you to promote your academic and personal growth to all UNC–Chapel Hill students. Its constituent offices and programs (The Learning Center, The Writing Center, Peer Mentoring, Summer Bridge, Carolina Firsts, and Transfer Student Support) support you in developing the skills and strategies needed to excel at UNC and beyond. Our commitment to student learning supports the University's mission to "teach a diverse community of undergraduate, graduate, and professional students to become the next generation of leaders." We also support the University's commitment to diversity and in doing so sponsor programs and activities that promote academic excellence, increase retention, and improve the campus climate for diversity among our undergraduates.

## The Learning Center

Dr. Kim Abels, Ph.D., *Director*  
0118 and 2109 SASB North, (919) 962-3782

The Learning Center (<http://learningcenter.unc.edu>) helps students optimize their learning strategies to meet all their academic goals at Carolina. To make an appointment with an academic coach or check out this year's event calendar, visit the Learning Center's website (<http://learningcenter.unc.edu/>). The Learning Center regularly offers an array of programs and services popular with undergraduate students, including:

- **One-on-one appointments** with an academic coach. The Learning Center holds some coaching appointments in 221 Greenlaw Hall, which is located across from the Undergraduate Library. Coaching appointments provide opportunities for students to set personal academic goals and get support and accountability in the process.
- **Peer tutoring** for many introductory courses. The Learning Center provides peer tutoring by appointment in Dey Hall on Monday and Tuesday evenings (walk-ins also welcome) or make an appointment for select courses.

- **STEM support**, including academic coaching and learning groups for BIOL 101, BIOL 103, BIOL 104, CHEM 101, CHEM 102, CHEM 261, MATH 130, MATH 231, and STOR 155.
- **Workshops** on topics such as metacognitive learning strategies, reading speed and comprehension, time management, and more.
- Handouts and videos (<http://learningcenter.unc.edu/tips-and-tools/>) offering tips and tools to make students' academic lives easier.
- **Study groups and boot camps** providing opportunities to gather with other students to maximize study time and strategies.
- **Test prep resources** for GRE, GMAT, MCAT, and LSAT in partnership with The Princeton Review, at discounts of 20 percent.
- **ADHD/LD support.** Individual appointments and coaching groups are available.

## The Writing Center

Dr. Kim Abels, Ph.D., *Director*  
0127 SASB North; 221 Greenlaw Hall; (919) 962-7710

The Writing Center (<http://writingcenter.unc.edu/>) helps students become stronger, more flexible writers. To make an appointment with a writing coach or to submit your draft online, visit the Writing Center's website (<https://writingcenter.unc.edu/>). The Writing Center is a free service for students, offering:

- One-on-one appointments (<https://writingcenter.unc.edu/about/writing-coaching/>) with a writing coach. Coaching appointments are 45-minute conversations with undergraduate and graduate students who are specially trained to support students' development as writers.
- Online coaching (<https://wc-online.unc.edu/ota/app/>) services. Students can submit drafts online, specify their concerns, and request targeted feedback.
- **Feedback on any writing project** at any stage of the writing process. Students can work with a coach on everything from application essays to zoology lab reports. They can come in with nothing but ideas, with an outline, or with a draft. Coaches meet students where they are and help them move forward in the process.
- Handouts and videos (<https://writingcenter.unc.edu/tips-and-tools/>) on the writing process, citation and sentence-level concerns, writing-specific assignments, and writing in specific disciplines.
- **Write Night events** designed to help students make substantial progress on their drafts at key points each semester.
- English language resources (<https://writingcenter.unc.edu/esl/>) and language specialists who support the academic and social communication of Carolina's international students.
- **Volunteer opportunities!** With our Speaking Group (<https://writingcenter.unc.edu/esl/speaking-groups/>) and U.S. English Pronunciation (<https://writingcenter.unc.edu/esl/esl-mini-courses/>) class, Carolina students can build relationships and gain valuable exposure to global cultures.
- Job opportunities (<https://writingcenter.unc.edu/about/english-402/>)! Undergraduate students can apply to work as writing coaches after taking ENGL 402 in the spring semester.

## The Peer Mentoring Programs

Dr. Marcus L. Collins, Ed.D., *Associate Dean and Director*  
[peermentoring.web.unc.edu](http://peermentoring.web.unc.edu) (<https://peermentoring.web.unc.edu/>)  
0118 SASB North; CB#3106

(919) 962-2143

Peer Mentoring assists in the academic, social, and personal development and adjustment of our newest Tar Heels in their first year at UNC to include racial/ethnic minority students, first-generation college students, and the Carolina Covenant. Incoming students can request peer mentors who are academically successful and socially involved members of the Carolina Community. Peer mentors provide academic counseling, bridge communication between CFSS and first-year students, and assist them with their transition from high school to university life.

## Summer Bridge

Dr. Marcus L. Collins, Ed.D., *Associate Dean and Director*  
summerbridge.unc.edu (<https://summerbridge.unc.edu/>)  
0118 SASB North, CB# 3106, (919) 966-2143

Summer Bridge is a six-week transition program that helps incoming first-year students adjust to Carolina by providing academic enrichment, community building, and co-curricular and experiential learning activities. The program is designed to ease participants' personal and academic transition from high school to the University. Students enroll in two academic courses, which usually represent a combination of English composition and quantitative skills. They also participate in activities designed to supplement their summer experience by engaging in high-impact learning experiences often facilitated by units such as the UNC Learning and Writing Centers, University Career Services, and Student Life and Leadership. Additionally, cultural and recreational activities are significant components of the program, as students are introduced to the University and the array of opportunities and resources available. Any student who has been admitted to UNC–Chapel Hill and is a North Carolina resident is eligible to apply.

## Carolina Firsts

Dr. Marcus L. Collins, Ed.D., *Associate Dean and Director*  
studentsuccess.unc.edu/carolina-firsts (<https://studentsuccess.unc.edu/carolina-firsts/>)  
2203 SASB North; (919) 843-3688

Nearly 20% of all undergraduate at UNC–Chapel Hill are the first in their family to attend college. At Carolina, we proudly call our first-generation college students Carolina Firsts. There are several programs and opportunities designed specifically to help Carolina Firsts Engage, Experience and Excel along their Carolina journey.

## Transfer Students

Luke Fayard, M.A., *Program Coordinator, Transfer Student Support*  
studentsuccess.unc.edu/transfers (<https://studentsuccess.unc.edu/transfers/>)  
2203 SASB North; (919) 966-5245

The University offers distinct programs and opportunities designed specifically for transfer students to acclimate to the Carolina community. The Transfer Student Coordinator serves as one of several contacts for transfer students at UNC and provides support to encourage the success, persistence and graduation of transfer students primarily once they enroll at the university.

## Library System

- Library hours (<http://library.unc.edu/hours/>)
- Ask a question (<http://library.unc.edu/ask/>)

The campus libraries are your home for world-class collections, study spaces for every preference, and research expertise across a wide range of subject areas.

Everyone is welcome in all campus libraries, including the House Undergraduate Library, Davis Library, the Wilson Special Collections Library, the Health Sciences Library, and subject-specific branch libraries. Your OneCard is your library card.

Reserve a study room (<https://library.unc.edu/places/study/?feature=reservable>) to collaborate on group projects. Take advantage of New York Times and Washington Post digital subscriptions, best-selling e-books and audiobooks, and popular streaming movies, all brought to you by the Librar (<https://library.unc.edu/services/leisure/>)y. Bring your visions to life in the Library's makerspace (<https://library.unc.edu/science/makerspace/>) with 3D scanning and printing. And visit the Media and Design Center (<https://library.unc.edu/house/mdc/resources/>) to take your multimedia projects from concept to creation, with production equipment, technology, digital assets, and staff expertise.

Whatever your academic focus, personal passions, and personality, the Library is here to support your success. Sign up for the Library's monthly student newsletter (<https://library.unc.edu/social/student-newsletter/>) to stay connected.

## Math Help Center

Miranda Thomas, Ph.D., *Director*

The Math Help Center (<https://math.unc.edu/undergraduate/resources/>), located in 237 Phillips Hall, provides additional instructional support for students enrolled in MATH 110 through MATH 233. The center is staffed by both graduate and undergraduate tutors who work with students in small groups or individually. The center's main purposes are to provide assistance and to increase the success rate for students in specific math courses.

## Pre-Graduate School Advising

The Pre-Graduate Education Advising Program (<https://careers.unc.edu/students/pre-professional-pre-graduate-advising/pre-graduate/>), under University Career Services in Hanes Hall (second floor), is a resource offered to students interested in pursuing graduate studies. The program advises undergraduate students considering a graduate degree in various disciplines (sciences, arts and humanities, social sciences, and professional arenas). These advisors can help clarify the differences between a doctorate and a master's degree and the opportunities a terminal degree may offer. The program is primarily responsible for helping students considering graduate school understand what their next steps are in researching and applying to graduate programs, so that they can move forward independently and effectively. Students can schedule a pre-grad coaching appointment by visiting Handshake (<https://careers.unc.edu/students/resources/schedule-appointment/>).

## Health Professions Advising

UNC–Chapel Hill has no formal pre-health curriculum or major. Instead, students should choose one of the four-year B.A. or B.S. degree programs and incorporate appropriate prerequisite courses in their planning. Health professional schools encourage students to major in what they are interested in studying; no specific majors are recommended. Students are strongly encouraged to join the health professions listserv (<https://hpa.unc.edu/connect/join-the-listserv/>) and visit the Health Profession Advising Office (Health Sciences Library Room #217B) soon

after entering the University to learn the latest course requirements and other preparations necessary to become an outstanding candidate for their health career of choice. The office gives advice about the many pathways to a health professional career and the various career options in healthcare through facilitated professional programs, individualized meetings, and access to health professions information that encourages application of knowledge and experience. For more information on Health Professions Advising office hours and to join the Health Professions Advising listserv, visit the HPA website (<https://hpa.unc.edu/>).

## Pre-law Advising

UNC–Chapel Hill has no formal pre-law curriculum or major. Instead, students should follow one of the four-year B.A. or B.S. degree programs. Most law schools do not require, or even recommend, that students major in any particular field; instead, most law schools prefer applicants who have pursued a course of study that gives a foundation for undertaking legal studies, with an emphasis on reading, writing, speaking, and analytical and critical thinking. However, a student wishing to practice patent law will need a degree in one of the sciences.

Pre-law students should emphasize academics. The campus Learning Center offers programs designed to help enhance reading skills. Students are encouraged to take advantage of this opportunity. Students also are encouraged to schedule a pre-law appointment using Handshake (<https://careers.unc.edu/students/resources/schedule-appointment/>). They also may wish to visit the Pre-Law Advising website (<http://prelaw.unc.edu/>), where they can gain helpful information and join the prelaw listserv to receive important announcements.

## Research Institutes and Centers

The intellectual life of the University and the research activities of undergraduates, graduate students and faculty alike receive valuable encouragement and support from a variety of institutes and centers. These institutes do not operate as instructional agencies within the University; rather, they serve to obtain financial and organizational assistance for the scholars who constitute their membership.

Most research centers and institutes can be found on the UNC Research website (<http://research.unc.edu/units/a-z/>).

## Scholarly Journals

The University has published scholarly journals since 1884, when the *Journal of the Elisha Mitchell Scientific Society* first appeared.

The following list contains some of the publications currently produced by the University's graduate and professional programs.

*American Diplomacy* (<https://americandiplomacy.web.unc.edu/>). A journal for commentary, analysis and research on American foreign policy and its practice.

*Endeavors* (<http://endeavors.unc.edu/>). Features outstanding research and creative work undertaken by faculty and students at the University. Distributed free, the magazine reaches 8,600 on- and off-campus readers in an effort to engage others in Carolina research.

*North Carolina Law Review* (<https://scholarship.law.unc.edu/nclr/>). Published by the School of Law to stimulate research and publication by faculty and students.

*Studies in the Romance Languages and Literatures* (<http://rompub.unc.edu/ncsrll/>). For more than 80 years, this publication has supported and disseminated scholarship in the romance literatures.

In addition, the University of North Carolina Press (<https://uncpress.org/>) publishes several journals. A full list is available on their website (<https://uncpress.org/journals/>).

## The University of North Carolina Press

The University of North Carolina Press (<https://uncpress.org/>) is the primary publishing arm of the University in the scholarly field. In addition to its publication of the journals of research, it carries on a book publishing program of about 80 new titles a year. Electronic publications also are available. Although these books are the work of scholars from all parts of the world, the presence in the University of a professionally staffed book publishing organization, with facilities for the international distribution of works of scholarship, is a stimulus to research and writing by members of the University community. The Press' program is an important contribution to the development of that aspect of the University's service which has to do with the advancement of learning.

## Schools/College

### Division of Academic Affairs

- College of Arts and Sciences (General College) (p. 1035)
- Kenan–Flagler Business School (p. 1037)
- School of Education (p. 1069)
- School of Information and Library Science (p. 1092)
- Hussman School of Journalism and Media (p. 1103)

### Division of Health Affairs

- Adams School of Dentistry (p. 1057)
- School of Medicine (p. 1123)
- School of Nursing (p. 1137)
- Eshelman School of Pharmacy (p. 1149)
- Gillings School of Global Public Health (p. 1036)

Entering first-year students and transfers of less than junior standing from other institutions enter the College of Arts and Sciences (General College).

Students with junior standing, including transfers from other institutions, enter a School or College in the Division of Academic Affairs or the Division of Health Affairs (see lists above).

Undergraduate courses are also offered through Summer School (p. 1155).

## College of Arts and Sciences and the General College

[college.unc.edu](http://college.unc.edu) (<http://college.unc.edu>)

## Administration

James W.C. White, Ph.D., *Dean*

Elizabeth Engelhardt, Ph.D., *Senior Associate Dean for Fine Arts and Humanities*

Jaye Cable, Ph.D., *Senior Associate Dean for Natural Sciences and Mathematics*

Noreen McDonald, Ph.D., *Senior Associate Dean for Social Sciences and Global Programs*

Abigail T. Panter, Ph.D., *Senior Associate Dean for Undergraduate Education*

Kate Henz, M.A., *Senior Associate Dean for Operations and Strategy*

Anne H.C. Collins, B.A., *Executive Director, Arts and Sciences Foundation*

Kelly Giovanello, Ph.D., *Associate Dean for Research and Innovation*

Karla Slocum, Ph.D., *Senior Associate Dean for Diversity, Equity and Inclusion*

## Divisions

The College is divided into four divisions. All departments and curricula are assigned to one of these four divisions (see "Departments (p. 31)"). Each division has a representative, who serves on the Arts and Sciences Advisory Committee (ASAC). Members are listed below by division.

Victoria Rovine, Ph.D., *Division of Fine Arts*

Heidi Kim, Ph.D., *Division of the Humanities*

Kelly Giovanello, Ph.D., *Division of Natural Sciences and Mathematics*

Amanda Thompson, Ph.D., *Division of Social and Behavioral Sciences*

# Gillings School of Global Public Health

## Introduction

The UNC Gillings School of Global Public Health provides exceptional teaching, conducts ground-breaking research, and delivers dedicated service to people across North Carolina, throughout the United States, and around the world. Ranked the top public school of public health by *U.S. News and World Report* for 2023–2024 and second among all public health schools, the school's mission is to improve public health, promote individual well-being, and eliminate health inequities.

The school, accredited by the Council on Education for Public Health, and located in close proximity to UNC–Chapel Hill's schools of medicine, nursing, dentistry, and pharmacy, offers undergraduate and graduate programs on campus and through state-of-the-art online-education programs. The Michael Hooker Research Center and many renovated laboratories and classrooms provide an environment highly conducive to learning about public health and discovering new ways to improve and promote health worldwide.

Beyond campus, we teach, conduct research, and serve communities across our state and nation and around the world. Our Research, Innovation and Global Solutions Office (<https://sph.unc.edu/solutions/research-innovation-and-global-solutions/>) organizes the school's global health activities and enables us to anticipate new public health challenges, quickly find solutions, and accelerate the delivery of best practices to improve people's lives. The school's service and outreach arm, the North Carolina Institute for Public Health (<http://sph.unc.edu/nciph/nciph-home/>), brings public health scholarship and practice communities together.

To learn more about the public health field, visit the Association of Schools and Programs of Public Health (<http://aspgh.org/discover/>). The site defines public health, describes its impact on our lives, and introduces a variety of public health careers.

## Admission

The Gillings School of Global Public Health offers four undergraduate majors: biostatistics, environmental health sciences, health policy and management, and nutrition. The undergraduate degree offered is the bachelor of science in public health (B.S.P.H.). Enrollment in the B.S.P.H. degree programs is limited, and students must apply for admission. Students typically apply in January of their sophomore year for admission beginning in the fall of their junior year.

For current UNC–Chapel Hill students, the initial step of B.S.P.H. application is available in ConnectCarolina under the "Apply for Majors Change" tab. For additional information on application deadlines and how to apply, please visit the Public Health Undergraduate Majors (<https://sph.unc.edu/resource-pages/undergraduate-programs/>) website.

Transfer students interested in any of the B.S.P.H. degree programs must apply through the Office of Undergraduate Admissions (<http://admissions.unc.edu/apply/transfer-students/>) using the Transfer Common application.

For high school seniors, our four majors participate in the Assured Enrollment program through Undergraduate Admissions. Assured enrollment programs guarantee students a spot in an undergraduate major within one of Carolina's professional schools or a spot in an accelerated undergraduate/graduate program. For additional information, please visit Undergraduate Admissions: Special Opportunities (<https://admissions.unc.edu/explore/enrich-your-education/excelcarolina/>).

Students are subject to the requirements in place when they are admitted to the Gillings School of Global Public Health; consequently, the requirements described in this catalog particularly apply to students admitted to Gillings during the 2023–2024 academic year.

## Departments

Four departments in the UNC Gillings School of Global Public Health offer undergraduate degrees:

- Biostatistics (p. 261)
- Environmental Sciences and Engineering (p. 491)
- Health Policy and Management (p. 614)
- Nutrition (p. 737)

Lists of faculty members in those departments are included in those sections of the catalog. Other courses offered by the school are listed on the "Courses" tab under the subject codes PUBH and SPHG. If you are not a matriculated public health major, you may need instructor consent to enroll in public health courses.

## Graduate Departments

- Biostatistics (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Environmental Sciences and Engineering (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Epidemiology (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)

- Health Behavior (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Health Policy and Management (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Maternal and Child Health (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Nutrition (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)
- Public Health Leadership Program (<http://catalog.unc.edu/graduate/schools-departments/gillings-school-global-public-health/>)

## Majors

- Biostatistics Major, B.S.P.H. (p. 265)
- Environmental Health Sciences Major, B.S.P.H. (p. 500)
- Health Policy and Management Major, B.S.P.H. (p. 617)
- Nutrition Major, B.S.P.H. (p. 739)

## Contact Information

### Gillings School of Global Public Health

Visit Program Website (<http://www.sph.unc.edu>)  
 sph-admissions@unc.edu  
 (919) 445-1170

### Dean and Bryson Distinguished Professor in Public Health

Nancy Messonnier

### Senior Associate Dean for Academic and Student Affairs

Laura Linnan

### Associate Dean for Student Affairs

Charletta Sims Evans

### Senior Executive Director of Academic Advising and Student Affairs

Gregory Bocchino

## Kenan–Flagler Business School

### Introduction

The UNC Kenan–Flagler undergraduate business program offers a program of study that provides students with a thorough grounding in all areas of business and a broad introduction to the liberal arts. The UNC Kenan–Flagler undergraduate experience is distinctive because the school offers:

- An undergraduate business experience that is ranked highly in the nation by *U.S. News & World Report*, and *Poets & Quants*
- Career development professionals who help students explore and identify career interests and build plans for pursuing them
- A liberal arts-oriented curriculum
- A global perspective relevant to the needs of business today
- Activities and organizations for an active student life
- Individual attention usually associated with smaller schools
- Multiple opportunities provided by a leading, large research university
- Faculty who are outstanding in and out of the classroom

Students choose business electives to develop a specific area of business interest. Courses selected from other UNC–Chapel Hill schools and programs add to their depth of knowledge. The result is that students are able to engage in systems thinking to see “the big picture.” The

school believes that completion of the undergraduate business program provides students with a distinct advantage in a highly selective and competitive job market.

Students may apply to complete a major, a minor in business administration, a specialized minor in real estate, or they may take a limited number of business administration courses as general electives for their chosen degree program.

The business administration program is considered a broad-based, general management degree, and the UNC Kenan–Flagler Business School encourages breadth in both the business curriculum and in the continuation of study in fine arts, humanities, and natural and social sciences. A second major may be possible and requires advance approval by both the undergraduate business program and the second academic unit.

## BUSI Courses

BUSI courses are restricted to business majors and minors, unless permission is granted (see the section Taking Business Courses as a Nonmajor/Nonminor or otherwise noted). BUSI courses may run semester-long or may be a MOD (run half a semester). MOD courses may be assigned different deadlines from those provided by the Office of University Registrar. Due to the unique structure of MOD courses, these sections are not eligible for withdrawal or pass/fail.

## Taking Business Courses as a Nonmajor/Nonminor

Undergraduate students who do not intend to major or minor in business administration may take a limited number of business courses (limits may change based on course availability) as free electives for their particular major. Non-business students may take one BUSI course per semester and a maximum of five BUSI courses over the course of a student’s academic career, regardless of credit hours. First-year students will not be permitted to enroll in 400-level or higher BUSI courses. Registration in business courses for nonmajors and nonminors is made on a space-available basis. Preference is given to students with an overall grade point average of 3.0. The process and guidelines can be found on the Undergraduate Business Program website (<https://www.kenan-flagler.unc.edu/programs/undergraduate-business/academics/non-major-business-course-request/>). BUSI course enrollment dates and details will be updated each semester.

## Advising

Once admitted to the business **major**, all academic matters, including academic advising, are handled through the undergraduate business office in McColl Building.

Students admitted to the business **minor** should continue to work with their major department for academic matters outside of business minor requirements. However, business minors have full access to our community events, advising as it relates to the business minors, career team, and global programs.

All students should meet regularly with their advisor and monitor their progress toward completion of both the business major and minor requirements utilizing Tar Heel Tracker. Upon admission, business majors and minors may utilize the Academic Resources (<https://www.kenan-flagler.unc.edu/programs/undergraduate-business/academic-resources/>) page to connect with an academic advisor.

## Admission to the Kenan–Flagler Business School

Kenan–Flagler’s Undergraduate Business program is a small, select program with approximately 390 majors and 80 minors admitted each year. The program seeks candidates whose analytical and organizational abilities, written and oral communication skills, leadership potential, global mindset, and motivation indicate strong potential for success. Admission is competitive and based on academic achievement, leadership, co-curricular activities and involvement, work experience, diversity of skills and interests, and focus and depth of thought as expressed in a personal statement, essays, résumé, and video interview.








### Preparation for the Business Administration Major or Minor

A student admitted to the Kenan–Flagler Business School typically begins the Undergraduate Business program in the spring semester of the second year or fall semester of the third year. First- and second-year students in the General College who consider themselves pre-business majors complete certain prerequisite courses as part of their General Education requirements.

We are modifying our prerequisites. Below you will find the prerequisites as they relate to different admissions cycles.

[UBP Application Cycle for 2023 spring and 2023 fall entry terms \(submitted between July 1 – September 1, 2022\):](#)

A pre-business track includes successful completion (defined as earning a final grade of at least a C, not C-) of the following courses (or their equivalents):

Code	Title	Hours
The calculus mathematics requirement can be fulfilled by taking one of the following:		
MATH 152	 Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	
STOR 113	 Decision Models for Business and Economics	
STOR 155	 Introduction to Data Models and Inference <sup>F</sup>	3
ECON 101	 Introduction to Economics <sup>H, F</sup>	4
ECON 410	 Intermediate Microeconomics <sup>1, H</sup>	4
BUSI 102	Introduction to Financial Accounting	1.5

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> ECON 410 is not a requirement for the business minors (Real Estate or Business Administration).







Transfer students starting at UNC in fall 2022 should adhere to the prerequisites listed above.

[UBP Applications Cycles for 2024 spring and 2024 fall entry terms forward \(submitted between July 1 – September 1, 2023\):](#)

Prerequisite requirements for the business major and minor are the same.

Re-applicants may request an exception for BUSI 100 by emailing the UBP Admissions team.

A pre-business track includes successful completion (defined as earning a final grade of at least a C, not C-) of the following courses (or their equivalents):

Code	Title	Hours
The calculus mathematics requirement can be fulfilled by taking one of the following:		
MATH 152	 Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	
STOR 113	 Decision Models for Business and Economics	
STOR 155	 Introduction to Data Models and Inference <sup>F</sup>	3
ECON 101	 Introduction to Economics <sup>H, F</sup>	4
BUSI 100	Introduction to Business: People, Profits, Planet	1.5

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Prerequisite courses do not need to be complete at the time of application. However, it is typically beneficial for the admissions committee to see grades in as many prerequisites as possible during the admissions review. Students must complete all business school prerequisites before they are eligible to *start* in the Undergraduate Business program.

Students are encouraged to take several of the business prerequisite courses in their first year at UNC. It is common for students to leave 1–2 of the business prerequisites to take in their second year. If students wish to be considered for admission in the spring semester of the second year, they need to complete all requirements by the end of the first semester of the second year. To be considered for admission in the fall semester of the third year, all requirements should be completed by the end of the second year.

For the foundational skills in foreign language, the business school neither requires a particular language nor requires coursework beyond level 3. Please note, however, that some overseas study programs are language-based and may necessitate a student’s proficiency beyond level 3.

The business school makes no other specific recommendations about courses for other General Education requirements. The school encourages students to challenge themselves by exploring unfamiliar,

new disciplines and by strengthening written and verbal communication and critical thinking. It is possible for a business major to earn a second major and a minor, or two minors. First- and second-year students may wish to build a foundation for such a complementary academic track.

## Pre-Business Advising

First- and second-year students in the General College who are considering applying to the business school are encouraged to seek pre-business academic advising through the Academic Advising Program (<https://advising.unc.edu/>) (Steele Building). The admissions staff from the Kenan–Flagler Business School also conducts regular admissions counseling sessions, which can be accessed via the UNC Advising Appointment Scheduler (<https://advising.unc.edu/advisor/>) in Steele Building.

Prospective and current applicants should also frequently check the school's website (<https://www.kenan-flagler.unc.edu/programs/undergraduate-business/admissions/current-unc-students/>) for dates of upcoming information sessions, workshops, or important deadlines.

## Admission from the General College

Students can apply to the business major after their first year at UNC. Admitted students are notified (in mid-October) if they are admitted to start in the subsequent spring or fall. Admission decisions are contingent upon the successful completion of all in-progress or remaining business prerequisites in the regular term (fall/spring) prior to the admitted term of entry. If students are not admitted at the beginning of their second year, they have the option of re-applying at the beginning of their third year.

Admission to the business minor and the specialized business minor in real estate follow the same application schedule and process as the business major. Admission is both selective and competitive with approximately 70 students admitted to the business minor. Students from any discipline *excluding quantitative physics* may apply to the business minor at the beginning of their second or third year. Applications for the minor are not accepted once a student has entered the fourth year.

The business administration major requires completion in a minimum of three semesters, preferably four or five. The business minor requires completion in a minimum of two semesters, preferably three. Students are required to graduate from UNC–Chapel Hill in eight semesters.

## Transfer Admission

Transfer students are an integral and vibrant part of the Carolina community. They bring a diversity and experience to the institution that enhances the overall experience for all students, faculty members, and staff. In the Kenan–Flagler Undergraduate Business program, we understand that transferring is a complex process and have outlined below the policies and guidelines to help students make informed decisions and achieve as smooth a transition as possible.

Students applying to the business major as sophomore transfers, or after one year at university, should apply directly to the College of Arts and Sciences (as opposed to the direct admit process). The admissions process is competitive, therefore, we recommend that students review admissions criteria and make the very most of the spring and summer months prior to application.

Students applying to the business major as junior transfers, or after two years of secondary study, should select the Business Administration program as part of their application to UNC (Common Application).

Applicants must meet the University's requirements for admission in addition to the business major prerequisite requirements.

Transfer students who transfer more than 30 hours to UNC are eligible to take an additional ninth or 10th semester at the University. This is sometimes useful and necessary in order for transfer students to complete the business prerequisites and/or business degree.

Transfer students should know that admission to the business school is extremely competitive. We admit 50 percent of our applicants each year. Students should review the eligibility requirements and class profile at the undergraduate business admissions section (<https://www.kenan-flagler.unc.edu/programs/undergraduate-business/admissions/>) of the Kenan–Flagler website. For more information regarding the admissions process, please visit the transfer admissions page of the website (<https://www.kenan-flagler.unc.edu/programs/undergraduate-business/admissions/transfer-students/>).

### Major

- Business Administration Major, B.S.B.A. (p. 1052)

### Minor

- Business Administration Minor (p. 1055)
- Real Estate Minor (p. 1056)

### Graduate Programs

- M.S. (Management) in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)
- Ph.D. in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)

## Distinguished Professors

Barry L. Bayus, Chris Bingham, Greg Brown, Robert M. Bushman, Jennifer S. Conrad, Vinayak Deshpande, Jeffrey R. Edwards, Paolo Fulghieri, Raj Grewal, John Hand, David J. Hartzell, David A. Hofmann, James H. Johnson Jr., Eva Labro, Wayne R. Landsman, Mark H. Lang, Christian Lundblad, Arvind Malhotra, Edward Maydew, David J. Ravenscraft, Albert H. Segars, Douglas A. Shackelford, Anil Shivdasani, Brad Staats, J.B. Steenkamp, Jayashankar M. Swaminathan.

## Professors

Sridhar Balasubramanian, Michael Christian, Riccardo Colacito, Katrijn Gielens, Steve Jones, Saravanan Kesavan, Camelia Kuhnen, Will Maddux, Adam Mersereau, Atul Nerkar, Paige Ouimet, Ali Parlaktürk, William P. Putsis, Adam V. Reed, Jacob Sagi, Sriraman Venkataraman.

## Associate Professors

Jeffery Abarbanell, Sekou Bermis, Richard S. Blackburn, Sreedhari Desai, Seyed Emadi, Alison Fragale, John Gallemore, Wendell G. Gilland, Isin Guler, Olga Hawn, Jeffrey Hoopes, Shimul Melwani, Mahka Moeen, Matthew Pearsall, Jana Smith Raedy, Elena Simintzi, Nur Sunar.

## Assistant Professors

Yasser Boualam, Andrew Boysen, Jesse Davis, Daniela De la Parra, Chloe Glaeser, Stephen Glaeser, Bradley Hendricks, Yunzhi Hu, Pranav Jindal, Kristopher Keller, Minkyung Kim, Jeffrey Kuhn, Fei Long, Patia McGrath, Sajad Modaresi, Timothy Ott, Sandeep Rath, Daniel Ringel,

Andrei Gonçalves, Gill Segal, Elad Sherf, Donghwa Shin, Longxiu Tian, Yuqian Xu.

## Clinical Professors

Sharon Cannon, Patricia Harms, Claudia Kubowicz Malhotra, Mabel Miguel, Heidi Schultz, Charles Skender, Chip Snively, Judy Tisdale, Ted Zoller.

## Clinical Associate Professors

Tamara Barringer, Lori Boyer, Larry Chavis, Jessica Christian, Travis Day, Elizabeth Dickinson, Timothy Flood, Paul Friga, Courtney Knoll, Michael Meredith, Arzu Ozoguz, Patrick Vernon.

## Clinical Assistant Professors

Alexander Arapoglou, Mike Beeler, Lynn Dikolli, Tiesha Douglas, Jason Doherty, Melissa Geil, Jenna Haugen, Gregory Hohn, Stephanie Mahin, Breagin Riley, Allison Schlobohm, Tanja Snively, Amanda Thompson, Kristin Wilson, Courtney Wright.

## Adjunct Professors

Anusha Chari, Maryann Feldman, Chirag Saraiya.

## Adjunct Assistant Professors

Cooper Biersach, Don Rose.


## Professors of the Practice

Stephen Arbogast, Karin Cochran, Alex Dickey, Scott Maitland, Mark McNeilly, Jeffrey Mittelstadt, Christopher Mumford, Shawn Munday, Randy Myer, Stuart Pearman, Barbara Nobles Crawford, Markus Saba, Robert Slater.


## Professors Emeriti

Edward Blocher, Alan Neebe, Barry Roberts, Ben Rosen, Ann Maruchek, Valarie Zeithaml.

## BUSI–Business Administration Undergraduate-level

 **BUSI 89. First-Year Seminar: Special Topics. 3 Credits.**  
Special topics course. Content will vary each semester.

### Rules & Requirements

 **IDEAs in Action Gen Ed: FY-SEMINAR.**  
**Grading Status:** Letter grade.

**BUSI 100. Introduction to Business: People, Profits, Planet. 1.5 Credits.**

This course will cover five major themes: people, customers, firms, markets and society. In doing so, it will allow students to learn about the world of business, the major disciplines and how those disciplines fit together as well as how business can drive positive change in a rapidly changing world. Lastly, the course will highlight different career paths, and will introduce the skillsets and mindsets that are relevant to each.

### Rules & Requirements

**Grading Status:** Letter grade.

**BUSI 102. Introduction to Financial Accounting. 1.5 Credits.**

Provides an introduction to financial accounting reports and processes. Students learn skills to read, analyze, and understand a variety of financial reports. The course focuses on the fundamental accounting concepts and the transactions and economic events that form the basis for construction of the balance sheet, income statement, statement of stockholders' equity, and statement of cash flow. Students may not receive credit for both BUSI 102 and BUSI 106 or BUSI 102 and BUSI 107.

### Rules & Requirements

**Grading Status:** Letter grade.

**BUSI 107. Management Accounting SS. 3 Credits.**

Offered in summer school only. Elements of accounting for management planning, budgeting, and control. Emphasis is on management uses of accounting information. Students may not receive credit for both BUSI 107 and 108.

### Rules & Requirements

**Grading Status:** Letter grade.

**BUSI 120. Exploring the Intersection of Business and Society. 1 Credits.**

This is a professional, academic, and personal development course for undergraduate Kenan Scholars in their first semester of the program. The purpose of this course is to support incoming scholars' transition by providing a roadmap to their active participation in the program, including: grounding scholars in the program's three core competencies (leadership, research, and cross-sector collaboration), connecting them to Kenan Institute resources, enhancing networking skills and opportunities, and building community among fellow scholars.

### Rules & Requirements

**Grading Status:** Letter grade.

**BUSI 188. Foundations of Leadership: Discovering Your Strengths. 1.5 Credits.**

This course introduces the concepts of strengths-based leadership development to help uncover strengths and maximize potential for overall success. Students will learn how to connect these strengths to all areas of life, including, but not limited to, their academic journey as well as their future career path. Restricted to first-year students who are offered Assured Enrollment into the Kenan-Flagler Business School.

### Rules & Requirements

**Grading Status:** Letter grade.

**BUSI 189. Introduction to Careers in Business. 1.5 Credits.**

This course gives students an overview of the career options in business. This overview provides an understanding of the foundations of business and allows students to reflect on what specific business areas they might want to pursue. Restricted to first-year students who are offered Assured Enrollment into the Kenan-Flagler Business School.

### Rules & Requirements

**Grading Status:** Letter grade.

**BUSI 190. Business Topics. 1-3 Credits.**

Varied topics in business administration.

### Rules & Requirements

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 9 total completions.

**Grading Status:** Pass/Fail.



**BUSI 203. Business in South East Asia. 0.5-15 Credits.**

Permission of the School required. This faculty-led immersion to South East Asia examines developed and developing parts of the region. Coursework in Chapel Hill focuses on economy, political life, and culture. In South East Asia, thru company visits you develop an understanding of the different pathways to economic growth and critically analyze why there is variation in the speed of development. Application and department permission required. Additional fees apply.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 15 total credits. 4 total completions.

**Grading Status:** Letter grade.

**BUSI 220. Persuasion with Data. 1 Credits.**

This class will emphasize research methods appropriate for projects that are designed to identify an important business-related problem and to evaluate potential solutions based on systematic empirical evidence. Even though the focus is on using empirical evidence, students may need to explore additional resources or skills not covered in the class as part of their research, such as data analytics, data visualization. Kenan Scholars only.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 221. Kenan Scholars Research Seminar. 1 Credits.**

This course is designed for Kenan Scholars who do not elect to pursue the honors thesis nor an independent study. Instead, students in this course will gain hands-on research experience by undertaking a semester-long group project. Guided by a faculty advisor, students will enhance their subject matter expertise and research competencies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 286. Introduction to Personal Finance. 3 Credits.**

Introduces the fundamental principle tools of finance including time value of money (TVM), risk vs return, and asset pricing. It increases the student's understanding of the process of accumulating and protecting personal wealth by learning how to identify and analyze risk and return, understand the complexities of budgeting. It also covers investment alternatives, retirement planning, and how to transfer wealth. Intended for seniors and juniors who are not pursuing a business major/minor.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **BUSI 301. Business in Europe. 0.5-15 Credits.**

Expand your global business knowledge and gain project-based experience through an immersion in Europe. Coursework begins in Chapel Hill. The European portion will be highly experiential, where possible, working to connect students with local young people. Application and permission of department required. Additional fees apply. Course previously offered as BUSI 201.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-ABROAD.

**Repeat Rules:** May be repeated for credit. 15 total credits. 30 total completions.

**Grading Status:** Letter grade.

 **BUSI 302. Business in Asia. 0.5-15 Credits.**

Expand your global business knowledge and gain project-based experience through an immersion in Asia. Coursework begins in Chapel Hill. The Asian portion will be highly experiential, where possible, working to connect students with local young people. Application and permission of department required. Additional fees apply. Course previously offered as BUSI 202.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-ABROAD.

**Repeat Rules:** May be repeated for credit. 15 total credits. 30 total completions.

**Grading Status:** Letter grade.

 **BUSI 303. Business in the Middle East. 0.5-15 Credits.**

Expand your global business knowledge and gain project-based experience through an immersion in the Middle East. Coursework begins in Chapel Hill. The Middle Eastern portion will be highly experiential, where possible, working to connect students with local young people. Application and permission of department required. Additional fees apply. Course previously offered as BUSI 205.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-ABROAD.

**Repeat Rules:** May be repeated for credit. 15 total credits. 30 total completions.

**Grading Status:** Letter grade.

 **BUSI 304. Business in Latin America. 0.5-15 Credits.**

Expand your global business knowledge and gain project-based experience through an immersion in Latin America. Coursework begins in Chapel Hill. The In-country portion will be highly experiential, where possible, working to connect students with local young people. Application and permission of department required. Additional fees apply. Course previously offered as BUSI 204.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-ABROAD.

**Repeat Rules:** May be repeated for credit. 15 total credits. 30 total completions.

**Grading Status:** Letter grade.

 **BUSI 305. Business German. 3 Credits.**

GERM 304 recommended but not required. As a continuation of GERM 304 the course offers a more advanced treatment of the current German economic and business debates and events while further strengthening relevant German language skills. Course conducted in German.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL, COMMBEYOND.

**Making Connections Gen Ed:** NA.

**Requisites:** Prerequisite, GERM 204; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**Same as:** GERM 305.

**Global Language:** Level 5.

**BUSI 306. Business in Africa. 0.5-15 Credits.**

The South Africa immersion focuses on: Inclusive business and leadership. Chapel Hill classes cover the economy, political life, and regional culture. The focus on inclusive business explores topics like inclusive business models, social entrepreneurship, grassroots business, social innovation, and mobile technology. Within these topics, leadership is a recurring theme. Additionally, students visit multi-nationals, local companies, small business entrepreneurs and non-profit organizations. Application and permission required. Additional fees apply. Course previously offered as BUSI 206. Permission of the School required.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-ABROAD.

**Repeat Rules:** May be repeated for credit. 15 total credits. 30 total completions.

**Grading Status:** Letter grade.

**BUSI 307. Business in Oceania. 0.5-15 Credits.**

Expand your global business knowledge and gain project-based experience through an immersion in Oceania. Coursework begins in Chapel Hill. The in-country portion will be highly experiential, where possible, working to connect students with local young people. Application and permission of department required. Additional fees apply. Course previously offered as BUSI 207.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-ABROAD.

**Repeat Rules:** May be repeated for credit. 15 total credits. 30 total completions.

**Grading Status:** Letter grade.

**BUSI 308. Business in North America. 0.5-15 Credits.**

Expand your global business knowledge and gain project-based experience through an immersion in North America. Coursework begins in Chapel Hill. The in-country portion will be highly experiential, where possible, working to connect students with local young people. Application and permission of department required. Additional fees apply.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-ABROAD.

**Repeat Rules:** May be repeated for credit. 15 total credits. 30 total completions.

**Grading Status:** Letter grade.

**BUSI 350. Symposium Core Committee. 1.5-3 Credits.**

Service on the B.S.B.A. Symposium Core Committee to plan, execute, and evaluate the annual event. Previously offered as BUSI 650. Permission of the instructor.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Field Work.

**Repeat Rules:** May be repeated for credit. 6 total credits. 4 total completions.

**Grading Status:** Letter grade.

**BUSI 390. Business Topics. 1-3 Credits.**

Varied topics in business administration.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 9 total completions.

**Grading Status:** Letter grade.

**BUSI 393. Business Internship Project I. 1.5-3 Credits.**

This course provides students with a format for reflection while performing a professional internship that enhances their ability to achieve career objectives. Application and permission required. Permission of the department.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit. 6 total credits. 4 total completions.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level****BUSI 401. Management and Corporate Communication. 3 Credits.**

Open to business majors. Writing- and speaking-intensive course that emphasizes professional communication. Provides opportunities to learn and apply the conventions and expectations for standard business documents and presentations. Features strategies for addressing informative, persuasive, and bad-news messages using a variety of media (print documents, electronic messages, and oral presentations).

**Rules & Requirements**

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**BUSI 402. Applied Microeconomics for Business. 1.5 Credits.**

The course emphasizes the application of economic analysis to solve a range of practical business problems that fall into one of these broad categories. The course makes regular use of mathematics (elements of algebra, geometry, and calculus), and includes a solution of optimization problems using Excel. Students may not receive credit for both BUSI 402 and ECON 410.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**BUSI 403. Operations Management. 3 Credits.**

Analysis of the operations functions in both manufacturing and service organizations. Formulating operational policies that improve efficiency and support high-level business strategy. Developing remedies that mitigate uncertainty and variability in operational processes.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 404. Business Ethics. 1.5 Credits.**

An examination of ethical issues that affect business.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **BUSI 405. Leading and Managing: An Introduction to Organizational Behavior. 3 Credits.**

An introduction to leading and managing in organizations. Examines the impact of individual, group, and organizational factors on organizational performance and employee attitudes. Topics include leadership, perceptions, attitudes, motivation, group development, norms and cohesiveness, empowerment, conflict, negotiations, culture, structure, stress, innovation, and change.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**BUSI 406. Marketing. 3 Credits.**

Introduction to marketing with emphasis on the social and economic aspects of distribution, consumer problems, marketing functions and institutions, marketing methods and policies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 407. Financial Accounting. 3 Credits.**

Students will acquire the tools to understand and analyze information presented in corporate financial statements. Financial accounting results and projected results are utilized in virtually every segment of the business world. Knowledge of financial accounting and analysis is necessary for managers, investors, bankers, financial analysts, and professional accountants.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 408. Corporate Finance. 3 Credits.**

Theoretical foundations of optimal financial policy. Problems and cases provide application of theory to financial decisions involving cash flow, capital structure, and capital budgeting.

**Rules & Requirements**

**Requisites:** Prerequisite, ECON 101.

**Grading Status:** Letter grade.

**BUSI 409. Advanced Corporate Finance. 1.5 Credits.**

A follow-up course to BUSI 408 that goes more deeply into the theory and application of financial management. Emphasis is placed on investment, financing, and dividend decisions. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 410. Business Analytics. 3 Credits.**

While witnessing an explosion of data, most organizations tend to be awash with data but short on information. This course exposes students to techniques that will help them impact on an organization's strategy, planning, and operations, working on applications spanning a number of fields, including operations management, finance, and marketing.

**Rules & Requirements**

**Requisites:** Prerequisite, STOR 155.

**Grading Status:** Letter grade.

**BUSI 411. Strategic Management at the Business Level. 1.5 Credits.**

Students analyze sources of competitive success in business organizations using case analysis and written reports to develop analytical reasoning skills for assessing forward looking opportunities for the company. The emphasis is on industry analysis and organizational analysis and the development and management of firm specific competencies for successful growth.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 412. Strategic Management in the Modern Corporation. 1.5 Credits.**

Students study the development of alternate forms of corporate-level diversification, with an emphasis on understanding the varied paths of corporate development. There is a focus on the challenges of integrating activities across diversified corporations and the tools to manage firms through the transitions that signal a change in strategy.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, BUSI 411.

**Grading Status:** Letter grade.

 **BUSI 463. Corporate Environmental Stewardship. 3 Credits.**

This course explores the intersection of business/economic growth and the major sustainability issues affecting the environment and societal well-being and raises questions about business ethics and the moral responsibility of business leaders, consumers, and citizens. Previously offered as ENEC 306.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL or FC-VALUES.

**Making Connections Gen Ed:** PH, CI, GL.

**Requisites:** Prerequisite, ENEC 201.

**Grading Status:** Letter grade.

**Same as:** ENEC 463.

**BUSI 470. Storytelling to Influence and Inspire. 1.5 Credits.**

Whether communicating to a single person, a small team, a company, or the world, stories help you cut through information clutter to explain your brand, articulate your vision, inspire buy-in, offer hope, and sell ideas. Considering that, this course - through lecture, discussion, readings, workshops, thinking time, and practice - gives you the tools you need to be a confident storyteller in the workplace and thus influence and inspire most everyone in your professional sphere.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 488. Data Science in the Business World. 3 Credits.**

Students will acquire hands-on data science skills enabling them to solve real-world business problems. Since data science is an interdisciplinary field, business and computer science students learn and work together in this course. Leveraging each other's skills and knowledge, students create data-driven business insights using modern analytics.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** COMP 488.

**BUSI 490. Business Topics. 1.5 Credits.**

Varied topics in business administration. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 6 total completions.

**Grading Status:** Letter grade.

 **BUSI 493. Business Internship Project II. 1.5-3 Credits.**

This course provides students with a format for reflection while performing a professional internship that enhances their ability to achieve career objectives. Previously offered as BUSI 593. Permission of the department.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Grading Status:** Letter grade.

**BUSI 496. Independent Study in Business. 1.5-3 Credits.**

Permission of the department. Supervised individual study and research in the student's special field of interest.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 3 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BUSI 500. Entrepreneurship and Business Planning. 3 Credits.**

Students gain an understanding of entrepreneurship and the tools and skills necessary to conceive, plan, execute, and scale a successful new venture. Students develop business ventures in teams through an experiential pedagogy. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 501. Professional Selling Strategies and Skills. 1.5 Credits.**

Critical concepts and skills for selling B2B products and services, and influencing others in business. Applicable to people considering sales or consulting as a career; to those thinking of starting an entrepreneurial company; or for those who want to understand how to influence peers, subordinates, and management.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 502. Entrepreneurial Finance. 1.5 Credits.**

In this course students use financial tools and concepts in a real-world entrepreneurial setting. Working in assigned teams, students prepare a pitch book with financial projections for a company they wish to start or buy.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 503. Family Business I: Introduction to Family Enterprise. 1.5 Credits.**

Addresses stages of a family enterprise and challenges/opportunities of each stage. Coursework synthesizes learning from core business subjects with practices common to successful family businesses. Focus is on developing management, governance, and family business leadership skills, with an emphasis on the importance of communication in the family; the creation of shared vision for the business; and alignment of family and business goals. The course includes live cases and student research on a family business.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 504. Launching the Venture. 1.5 Credits.**

This is a cross-campus course for exceptional students, staff, and faculty, designed to help launch UNC-Chapel Hill start-ups. Only for students serious about launching in the next nine to 12 months. Admission by online application. More information at [www.launch.unc.edu](http://www.launch.unc.edu).

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 500.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 4 total completions.

**Grading Status:** Letter grade.

 **BUSI 505. Entrepreneurial Consulting. 3 Credits.**

Student teams engage in consulting projects to help a wide range of small business owners, early stage start-ups, and not-for-profit ventures tackle typical entrepreneurial challenges. Data is gathered through extensive fieldwork, such as client meetings, customer surveys, interviews with thought leaders, site visits, and product tests. Due to the heavy workload, students should not enroll in BUSI 505 and BUSI 554 concurrently.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**BUSI 506. Entrepreneurial Strategy: How to Think Like a Venture Capitalist. 3 Credits.**

In this course, we tackle venture capital as a topic of strategy rather than finance. This course is complementary to entrepreneurial finance and private equity courses, as we will focus on "the story about the numbers" more than the numbers themselves. The goal of this course is to teach students how to recognize early stage startup opportunities, mitigate risk and assess feasibility. Real startup will come pitch to class, a la TV's Shark Tank.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 507. Sustainable Business and Social Enterprise. 3 Credits.**

This course concentrates on sustainability in existing businesses of all sizes, rather than starting new entrepreneurial ventures. Students will learn how to apply full triple bottom line sustainability in many industries/businesses and will explore how business fits into the sustainability landscape. Students develop skills using important innovation and sustainability frameworks (SASB, GRI, SDGs and more) that help identify profitable opportunities to simultaneously improve impact on society and the environment. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 508. Sustainable Business and Impact Entrepreneurship. 1.5 Credits.**

Students develop skills to evaluate interactions between business and today's social, environmental, and economic challenges using the full triple bottom line. This course teaches sustainability frameworks (SASB, GRI, Circular Economy, U.N. Sustainable Development Goals, etc.) and strategies to go beyond reducing negative impacts and mitigating risk to identifying market opportunities for innovative solutions with positive impact. It focuses on simultaneously improving social and environmental impact, while driving profitability. Students can explore existing entrepreneurial ventures.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 509. Entrepreneurs Lab: Advanced Entrepreneurial Insight and Leadership. 3 Credits.**

This course explores the key issues associated with the entrepreneurial career and the lessons of success and failure with a goal to reinforce a high-performance entrepreneurial mindset. The course is designed for students who are committed and currently engaged actively in pursuing an entrepreneurial career path, either during their program, immediately after graduation, or over the course of their early career. Application required. This is a required course for Adams Apprentices. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 511. Regional Venture Capital Immersion. 1.5 Credits.**

Application-based course. This course gives a selected group of undergraduate students the opportunity to study venture capital by traveling to two different entrepreneurial regions of the United States, Europe, and/or Asia, with the goal of understanding how this subclass of private equity plays an integral role in the commercialization of disruptive technologies.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 506.

**Repeat Rules:** May be repeated for credit. 3 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BUSI 512. Family Business II: Governance and Ownership. 1.5 Credits.**

This course is a continuation of BUSI 503 and will delve more deeply into specific governance and ownership considerations for family-owned firms. The purpose of this course is to prepare students to be more effective in their own family enterprise as a non-family executive in a family business, or as an advisor to a family business. This course outlines the specific ownership, stewardship, tax, and transition issues that affect family enterprises.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 503.

**Grading Status:** Letter grade.

**BUSI 514. STAR - Experiential Learning Project. 4.5 Credits.**

Student Teams Achieving Results (STAR) is a live management consulting project that leverages and integrates UNC Kenan-Flagler course curricula. Teams of five to seven M.B.A. and undergraduate students and one faculty member work with major corporations or not-for-profit entities to address a business challenge in strategy, marketing, operations etc. Offers deep exposure to an industry and company culture. Encourages skill development in teamwork, analysis, research, and executive presentations. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Pre- or corequisite, BUSI 554.

**Repeat Rules:** May be repeated for credit. 9 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BUSI 517. Private Equity and Debt Markets. 1.5 Credits.**

The objective of this course is to examine the changing world of private equity investments today. This is a survey course and will help prepare you to work for private equity and venture capital funds or to work for investment banks.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 518. Applied Private Equity. 3 Credits.**

Permission of the instructor. Explores, at a very advanced level, all stages of the management of a venture capital and private equity fund, from capital formation, deal sourcing, due diligence, monitoring and adding value, and exiting of a portfolio company. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BUSI 502 and 517.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**BUSI 520. Advanced Spreadsheet Modeling for Business. 3 Credits.**

Primarily online class. Students will use advanced features of Microsoft Excel to create efficient, flexible spreadsheet models of common and complex business problems. This is an extremely practical class in which skills learned can be put to immediate use in other classes, the workplace, and elsewhere. Topics: spreadsheet best practices, shortcuts and time-savers, flexible design, problem-solving, statistical analysis, charting, logic, reference functions, financial analysis, organizing data for complex analysis, what-if analysis, enhanced decision-making, and VBA.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 521. Design Thinking: The Innovation Process for Complex Problems. 3 Credits.**

The class teaches real world innovation – creativity, improvisation, and design thinking – through experiential learning and iterative project-based learning. Students will develop fluency in 21st century skills. These include storytelling, logo development, website design, video editing, audio and podcast editing, budgeting, postcard and flyer design, etc. In addition, students will discuss key innovations that will likely change their careers and lives: artificial intelligence, gene editing, autonomous vehicles, etc.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 522. Personal Branding and Professional Relationships. 1.5 Credits.**

In this course, students will develop authentic personal brands, learn how to communicate their brands in service of building professional relationships, and create sustainable plans for managing and enjoying the relationships they build. By the end of the course, students should possess a growing list of promising professional contacts and feel confident when discussing themselves and their accomplishments with others.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 523. Diversity and Inclusion at Work. 1.5 Credits.**

Diversity and inclusion (D&I) is one of the most important topics of our time. Yet, increasing workplace diversity (and, most important, creating inclusion, belonging, and equity) is incredibly complex and challenging. In this class, you'll learn to: know what D&I programs work and don't; build inclusion, belonging, and equity (and not just diversity); implement D&I initiatives that make a difference; handle difficult conversations and conflict about and across difference; and generate open and honest dialogue.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 524. Applied Improvisation for Business Communication. 3 Credits.**

Focuses on improving students' soft skills, such as presenting, expressiveness, and interviewing, by applying the principles and techniques of improvisational theater. Participants explore creativity, adaptation, awareness, self-confidence, risk taking, physicality, intuition, and teamwork. Students can stretch their abilities and discover things about themselves and others that are crucial to success.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 525. Advanced Business Presentations. 1.5 Credits.**

This course is grounded in argument, persuasion, and visual rhetoric to give students skills needed to develop winning presentations. Students learn strategies to help their messages "stick" with their audiences and to develop slide decks for the boardroom and advanced media devices. The course emphasizes efficiency in presentation preparation.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 401.

**Grading Status:** Letter grade.

**BUSI 526. Leadership in Action. 3 Credits.**

Permission of the department. Provides student leaders with practical leadership frameworks and tools; creates opportunities to apply these on the job as leaders; and provides individualized coaching, feedback, and mentoring. This is an applied learning course taught by a seasoned practitioner designed to accelerate each student's development and growth.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 527. Gender at Work. 1.5 Credits.**

Taylor Swift's sexual assault lawsuit, the infamous Google memo, workplace harassment, paid paternity leave (Mark Zuckerberg took off 4 weeks!): Our era has been marked by a #MeToo ripple effect. Gender topics impact every employee, organization, and industry. You will explore these timely and tricky topics and understand how and why they affect you, teams, and organizations. Topics include gender facts, myths, perceptions, stereotypes, recruiting, hiring, pay gaps, current topics, problems, and solutions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 528. Leadership Communication. 1.5 Credits.**

This course provides students opportunities to practice and develop communication skills that will help them make an impact on the job and further their careers. Students will work to improve interpersonal and presentation skills related to navigating difficult interpersonal challenges, resolving conflicts, tackling difficult discussion topics, giving and receiving feedback, communicating with respect in diverse environments, listening, and networking.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 529. Intercultural Communication in the Global Workplace. 1.5 Credits.**

Developing patterns of respectful intercultural communication is an increasingly important goal for the growth of business across the globe. This class will examine interesting and problematic issues surrounding cross-cultural communication, help students understand the complexity and variety of cultures, and teach communication strategies for success in conducting business across diverse cultures.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 530. Corporate Communication: Social Advocacy and Activism. 1.5 Credits.**

This course examines concepts of civility, virtue signaling, and corporate legitimacy. Throughout the course, students are presented with cases, concepts, and ideas of why a corporation may choose to participate in social good as an advocate/activist for a social and/or political cause. Similarly, students learn applied strategies to become communicators of corporate change in their fields and organizations.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 532. Healthcare and Service Operations Management. 3 Credits.**

This course will teach you how to design, manage, and improve the performance of service organizations through a structured analysis of firm operations. You will learn strategic analysis and operational decision-making for service firms. You will also learn how to effectively leverage data and analytics towards improved operating performance and customer satisfaction. This course will cover case studies from healthcare, e-commerce, hospitality, transportation, and online marketplaces. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 403.

**Grading Status:** Letter grade.

**BUSI 533. Supply Chain Management. 3 Credits.**

Analyzes the key drivers of supply chain performance including inventories, transportation, information technology, and sourcing. Studies strategies for supply chain coordination, and challenges and opportunities in global supply chains. A supply chain simulation is used. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 403.

**Grading Status:** Letter grade.

**BUSI 534. Business Modeling with Excel. 3 Credits.**

Provides a broad scope of analytic experience across corporate functions that is beneficial in consulting environments. A student may not receive credit for this course after receiving credit for STOR 305.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 536. Project Management. 1.5 Credits.**

Permission of the department. This course prepares students to take part in and lead projects effectively. The goal is to equip individuals across any career concentration rather than extend the expertise of project-management specialists. Students may not receive credit for both BUSI 536 and MBA 710.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 403.

**Grading Status:** Letter grade.

**BUSI 537. Retail Operations. 1.5 Credits.**

Permission of the department. Examines developments in retailing and operations management principles applicable to these developments. Topics: consumer behavior, demand forecasting, logistics and distribution, store execution, international retailing, internet-based retailing, performance assessment, and impact on financial performance. Students may not receive credit for both BUSI 537 and MBA 708.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 403.

**Grading Status:** Letter grade.

**BUSI 538. Sustainable Operations. 1.5 Credits.**

This course explores the link between sustainability and the operations function of a firm. The course focuses on the following activities: product and process design; manufacturing; transportation; logistics and distribution; closed-loop/after-sales operations such as recycling, remanufacturing, and reuse; supply chain management.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 403.

**Grading Status:** Letter grade.

**BUSI 539. Health Care Operations. 1.5 Credits.**

Permission of the department. Students apply principles and tools of operations management to explore improvement opportunities in the design, delivery, and management of the health care value chain. The course examines the health care operation from the perspective of operations metrics such as cost, quality, time (access), and variety/customization.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 403.

**Grading Status:** Letter grade.

**BUSI 545. Negotiations. 1.5 Credits.**

This course enables students to develop their expertise in managing negotiations. It integrates existing theory and research with personal experiences and ideas. Using hands-on exercises, readings, and lively discussions, students build and hone their ability to understand, adapt to, and evaluate the personal, social, and situational dynamics of negotiations.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 405.

**Grading Status:** Letter grade.

**BUSI 546. Sport Marketing and Media. 1.5 Credits.**

This course provides an in-depth analysis of the effect of marketing and media on the sport industry. Key issues include the increasing growth of television and technological advances, changing consumer demographics and behaviors, and sponsorship relations. The course will be divided into three key areas: rights holders, media, and corporate sponsorship (brands).

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 547. Managerial Decision Making. 1.5 Credits.**

Behavioral economics provides an understanding of how people's decisions deviate from "optimal" choices and consequences of such deviations. This course will not only discuss when individuals make decisions that deviate from the predictions of economics, but also focus on the implications of these systematic decision biases for managers and policy makers.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 405.

**Grading Status:** Letter grade.

**BUSI 550. People Analytics. 1.5 Credits.**

This course introduces students to major topics in People Analytics and how using a data-driven human capital strategy can improve organizational performance (e.g., revenue, stock price, customer satisfaction, retention, etc.) and sustain competitive advantage. In this course students will exercise critical thinking skills by analyzing how managers apply human capital strategies in practice. Development of skills in problem solving, creative thinking, written and oral communication, are the main objectives of this course.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 552. Strategic Innovation. 1.5 Credits.**

This course is designed for undergraduate business students interested in innovation and entrepreneurship inside established firms. It focuses on the art of bringing novel ideas and products to market while working inside a company. This course will help you understand the barriers to innovation inside existing firms, learn the tools and techniques for overcoming these, and develop an entrepreneurial mindset.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 554. Consulting Skills and Frameworks. 3 Credits.**

Permission of the instructor. The course is dedicated to teaching the core skills for success in consulting and business in general: teamwork, analysis, and presentations. Honors version available.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 555. Groups and Teams in Organizations. 1.5 Credits.**

Examines the design, management, and leadership of teams in organizational settings. Focus is on the interpersonal processes and structural characteristics that influence the effectiveness of teams, individual behavior in face-to-face interactions, and the dynamics of interpersonal relationships.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 405.

**Grading Status:** Letter grade.

**BUSI 558. Digital Marketing. 3 Credits.**

The main concepts of marketing are identifying market opportunity (3C analysis), setting the target strategy (STP analysis) and implementation via 4P strategies. This course will discuss online consumer behavior; internet marketing strategy; online and digital advertising; social media. It will focus on strategic perspective, rather than on technical details.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 406.

**Grading Status:** Letter grade.

**BUSI 562. Consumer Behavior. 3 Credits.**

Review of conceptual models and empirical research in consumer behavior. Topics include decision processes, social and cultural influences, information processing, and ethical issues.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 406.

**Grading Status:** Letter grade.

**BUSI 563. Retail & E-tail Marketing. 1.5 Credits.**

E-commerce puts severe pressure on both brand manufacturers and retailers. Brick and mortar players are expanding online operations, while online retailers are going physical. In the face of this complexity, it is important to take stock of current knowledge, based on insights and experience from leading practitioners and researchers in the field. This course sheds light on the strategic and tactical issues that comprise the state of the art in retailing.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 564. Design Thinking and Product Development. 3 Credits.**

Traditional marketing research (focus groups, surveys) is being complemented by design thinking and Web 2.0 approaches. This course will introduce several tools and techniques that are used in the design thinking process (empathy, define, ideate, prototype, test). A sampling of topics includes: creativity and brainstorming, empathy maps, personas, journey mapping, mind mapping, prototyping, storyboarding, intellectual property basics, and open innovation (crowdsourcing/crowdfunding). Key concepts will be learned via several in and out of class hands-on exercises.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 565. Market Research. 3 Credits.**

An introduction to research methodology with emphasis on the compilation, analysis, and interpretation of data used in the planning and control of marketing operations.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 406.

**Grading Status:** Letter grade.

**BUSI 566. Marketing Strategy. 3 Credits.**

The objective of this course is to understand and practice the strategic decision-making process in a dynamic competitive environment. The course builds on the foundations of marketing, and is based on lectures, cases, and computer simulations.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 406.

**Grading Status:** Letter grade.

**BUSI 567. Customer Relationship Management. 3 Credits.**

Customer Relationship Management (CRM) teaches the principles and tools of customer-centric marketing where the philosophy is to view customers as assets of the firm and the goal is to grow customer loyalty, relationships, and their lifetime value. Students will be exposed to a breadth of strategies and analytical techniques to gain a deeper understanding of the power of CRM, and how to effectively put them to work in today's business world.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 406.

**Grading Status:** Letter grade.

**BUSI 568. Customer Insights and Analytics. 1.5 Credits.**

Over the last 20-30 years, the way information and data have been collected and analyzed has undergone a substantial transformation. Firms have adopted marketing methods that are grounded in economic theory and utilize detailed data on customer transactions to generate insights into how customers behave. This course will provide students with a basic understanding of how to use data to understand customer behavior, and how these insights can be used to make managerially relevant decisions.

**Rules & Requirements**

**Requisites:** Prerequisite, MATH 152, STOR 113, or STOR 155.

**Grading Status:** Letter grade.

**BUSI 571. Strategic Cost Analysis and Performance Management. 1.5 Credits.**

The objective of the course is to develop an understanding of the powerful role of strategic cost analysis and performance measurement in supporting decision-making, performance management and incentive alignment in a timely, efficient and effective manner. The course is intended as an introduction for individuals who will make business decisions, evaluate business units, and evaluate others through the use of cost and performance measurement systems.

**Rules & Requirements**

**Grading Status:** Letter grade.



**BUSI 572. Business Taxation. 1.5 Credits.**

Permission of the department. Required in spring semester for senior B.S.B.A.s who are admitted to the Kenan-Flagler Master of Accounting Program. Provides students with an initial understanding of the basic framework of the United States income tax system as it applies to businesses.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 570.

**Grading Status:** Letter grade.

**BUSI 574. Taxes and Business Strategy. 3 Credits.**

This course covers high-level topics related to tax planning that are relevant to future CEOs, CFOs, investment bankers, equity analysts, and marketing consultants. In this course, students will understand how taxes interact with other fields such as finance, accounting, law, marketing, human resources and compensation, operation management, risk management, etc.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 407.

**Grading Status:** Letter grade.

**BUSI 575. Financial Statement Analysis and Valuation. 1.5 Credits.**

This course teaches students how to analyze financial statements so they will better understand firms' business decisions and strategies, sensibly forecast firms' financial statements, and sensibly value firms' equity. Using practical and interactive cases, plus mini-lectures, the goals are to teach students to: appreciate accruals and deferrals in accrual accounting vs. cash accounting; analyze earnings management, firm financial performance, revenues, expenses, assets, liabilities and equity.

**Rules & Requirements**

**Requisites:** Prerequisites, BUSI 407 and 408.

**Grading Status:** Letter grade.

**BUSI 580. Investments. 3 Credits.**

A survey of investment principles and practices. Emphasis is given to the problems of security analysis and portfolio management with special attention to the investment problems of the individual investor. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 581. Financial Modeling for Leveraged Buyout Transactions. 1.5 Credits.**

This course teaches students how to weave their forecasts into coherent spreadsheet-based, pro-forma financials. The main goal of this course is to illustrate how a practitioner would analyze a leveraged buyout. Students will construct their own LBO model in Excel and, by the end of the course, should feel comfortable assessing a company and determining if it is a viable LBO candidate.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 582. Mergers and Acquisitions. 3 Credits.**

Through lectures, case studies, and guest speakers, this course will cover all aspects of mergers and acquisitions from strategy to post-merger integration with an emphasis on valuation. Related activities such as hostile takeovers, private equity deals, and international acquisitions will also be discussed. Honors version available.

**Rules & Requirements**

**Requisites:** Corequisite, BUSI 408.

**Grading Status:** Letter grade.

 **BUSI 583. Applied Investment Management. 3 Credits.**

Permission of the department. Year-long course. A live, student-managed investment fund with real dollars and fiduciary responsibility to the UNC Foundation. Emphasis is on the decisions that must be made by and/or for the ultimate investor and the analytic tools and empirical evidence that can help inform such decisions. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Requisites:** Prerequisites, BUSI 407 and 408.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BUSI 584. Financial Modeling. 3 Credits.**

Skill development in constructing financial models for analyzing problems with decisions faced by financial professionals. Analyzing historical performance, forecasting free cash flows, estimating discount rates, determining terminal value, identifying other sources of value, and interpreting results in a dynamic setting.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 585. Introduction to Real Estate. 3 Credits.**

An overview of residential and commercial real estate. This survey course examines 1) buying a house and constructing a portfolio of single-family rental houses, 2) commercial real estate product types, 3) amortization, cash flows, capital expenditures, cap rates, debt and equity, hurdle rates and taxes, 4) investment analysis, 5) acquisition, development, operation, and disposition, 6) real estate and contract law, and 7) the partnership negotiation process.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 586. Personal Finance. 1.5 Credits.**

Introduces and broadens the concept of personal finance and increases understanding of the process of accumulating and protecting personal wealth. Students learn to identify and analyze risk and return relationships, understand investment alternatives and how strategies develop as life situations mature, and gain understanding of retirement planning and effectively transferring wealth.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 587. Investment Banking. 1.5 Credits.**

This course prepares students for investment banking positions and internships. The focus of the class is on financial modeling, general knowledge of banking, and what it takes to succeed in the industry. Permission of the instructor and confirmed offer of investment banking analyst internship or full-time job. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 588. Introduction to Derivative Securities and Risk Management. 1.5 Credits.**

Introduction to derivative securities instruments (options and futures) and applications in investments and corporate finance. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 589. Fixed Income. 1.5 Credits.**

The course covers traditional bonds and term structure concepts as well as fixed income derivatives and interest rate modeling. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 590. Business Seminar. 3 Credits.**

Selected topics in business administration presented in seminar format with students engaged in individual and team study under the supervision of a member of the faculty. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**BUSI 591. Behavioral Finance. 1.5 Credits.**

Completion of BUSI 409 recommended. An abundance of evidence suggests that the standard economic paradigm, "rational agents in an efficient market," does not adequately describe behavior in financial markets. This course will survey the evidence and use psychology to guide alternative theories of financial markets. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

 **BUSI 592. Applied Private Equity: Real Estate. 3 Credits.**

Permission of the instructor. This course explores, at a very advanced level, all stages of the management of a real estate private equity fund: from capital formation, deal sourcing, due diligence, monitoring and adding value, and exiting of the fund's real estate holdings.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-PERFORM.

**Requisites:** Prerequisites, BUSI 408, BUSI 601 and 603.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**BUSI 597. Sustainable Finance. 1.5 Credits.**

The transition toward a sustainable and inclusive economy faces multiple challenges with economic, environmental, and social implications. This introductory course explores how finance interacts with sustainability issues and its leading role in such transition. We will cover key economic and financial concepts and develop relevant knowledge and critical thinking on topics such as: Environmental, Social, and Governance (ESG) investing; the financing of sustainable projects; real and financial implications of climate risk.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408; Corequisite, BUSI 580.

**Grading Status:** Letter grade.

**BUSI 598. Alternative Investments. 1.5 Credits.**

Permission of the instructor. Open to seniors only. Exposes students to the benefits, opportunities, and risks of incorporating alternative investments into managed institutional investment portfolios, including pension funds, endowments, and foundations.

**Rules & Requirements**

**Requisites:** Prerequisites, BUSI 408, and 580 or 588.

**Grading Status:** Letter grade.

**BUSI 600. Risk Management. 1.5 Credits.**

Develops methods for applied analysis of financial and operational risk. The course covers statistical methods of risk measurement such as value-at-risk. In addition, the course covers methods for designing and evaluating risk management procedures at both financial and non-financial companies. The course includes several guest lectures from senior managers.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 601. Real Estate Finance. 1.5 Credits.**

This course will focus on the different ways to finance real property, and how different financing techniques impact the feasibility and investment benefits for equity investors. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 602. Strategic Economics. 1.5 Credits.**

This course focuses on decision making in the presence of strategic interaction. Students will apply game theory to yield insights into business decisions. Topics covered include pricing, entry, product market competition, first-mover advantage, capital budgeting, antitrust law, corporate governance, auctions, and mergers.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 603. Real Estate Development. 1.5 Credits.**

This course is designed to introduce undergraduate students to the financial and economic analysis of real estate development. The course will focus on both the physical and financial dimensions of the real estate development process. The course considers multiple asset classes, and students learn to complete financial analysis of real estate development projects.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408; Corequisite, BUSI 585.

**Grading Status:** Letter grade.

**BUSI 604. Real Estate and Capital Markets. 1.5 Credits.**

Introduces students to the capital markets for financing real estate assets. Topics include an overview of real estate as an asset class in the US economy, risk and return in real estate markets, the economics of discount and capitalization rates, the market for mortgage-backed securities (with a peek into the role that these instruments played in the recent financial crisis), and the valuation/analysis of Real Estate Investment Trusts (REITs). Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 605. Real Estate Capstone. 3 Credits.**

Case-based course covering a broad range of real estate issues. The cases studied focus on investment decisions made by practitioners in the industry, and will include investment feasibility and valuation, financing projects, leasing, development, individual and private equity structures, etc. This course is designed to allow students to utilize all prior real estate coursework in a practical manner. Offered to seniors completing the real estate minor or BSBA area of emphasis.

**Rules & Requirements**

**Requisites:** Prerequisites, BUSI 601, 603, and 604; Pre- or corequisites, BUSI 408 and 585.

**Grading Status:** Letter grade.

**BUSI 606. Buyout Structures and Deals. 1.5 Credits.**

It improves students' understanding of how private equity firms evaluate risk/reward, create value in LBO transactions, and explores the role of private equity in the financial markets and corporate boardroom. Students will develop a better understanding of the decisions private equity firms face; covering challenges in going-private and private-to-private transactions, use of leveraged finance for LBOs and dividend recapitalizations.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 607. Inside the Capital Markets - Institutions, Players and Regulators. 1.5 Credits.**

This course provides a broad overview of the U.S. and global capital markets. It explores how the markets work, market participants (e.g. mutual funds, hedge funds, investment banks, and venture capital funds), and the infrastructure that supports the industry. Students will follow a "day in the life" of a trade and gain an understanding of the various systems and investment roles and responsibilities. The course will also provide an overview of investing in foreign markets

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 608. Introduction to FinTech - Blockchain Technologies and Cryptocurrencies. 1.5 Credits.**

This course is an introduction to FinTech, helping students to understand recent advances in blockchain technologies and cryptocurrencies. Topics include: Bitcoin and blockchain, Ethereum and smart contracts, fork, initial coin offerings (ICOs), cryptocurrency trading, blockchain industries, issues in the cryptocurrency market (e.g. market manipulation and regulations), and decentralized finance and the future of finance. Recommended preparation, BUSI 408.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 610. Global Environment of Business. 3 Credits.**

Issues in operating overseas, including analyses of differences in country settings, legal and economic systems, and governmental policies affecting foreign operations. Studies trade theory, country groupings, and financial issues; managing operations in foreign lands; exporting.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**BUSI 611. International Development. 3 Credits.**

Poverty is part of life for most of the world's population, with half living on less than two dollars a day. Course focuses on understanding this from a business school perspective. Looks at institutional failures that contribute to persistent poverty and the multiple roles managers can play in reducing poverty.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

**BUSI 617. Global Marketing. 3 Credits.**

Examination of the problems involved in marketing products and services across national boundaries. Problem issues include culture, ideology, economics, technical standards, and currency movements.

**Rules & Requirements**

**Making Connections Gen Ed:** GL.

**Requisites:** Prerequisite, BUSI 406.

**Grading Status:** Letter grade.

**BUSI 618. Global Financial Markets. 1.5 Credits.**

Develops the foundation for financial decisions in a global economic environment. Extends the analytical concepts and tools learned in introductory investment and corporate finance courses to multicountry/multicurrency settings. Covers three major areas: the economics of exchange rates, international money and capital markets, and international corporate finance.

**Rules & Requirements**

**Requisites:** Prerequisite, BUSI 408.

**Grading Status:** Letter grade.

**BUSI 625. Global Healthcare Management. 1.5 Credits.**

This course will provide students with an overview of numerous global healthcare topics. Students will learn about macro global healthcare issues, country-specific healthcare systems, healthcare interdependencies between regions and countries, global healthcare business strategies and solutions. The course will examine innovative global business models focused on analyzing the cost, access, and quality of healthcare around the globe.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 626. Introduction to Healthcare Management. 1.5 Credits.**

An overview of the dynamics of leading/managing a modern-day hospital/health system and of the US healthcare system including its characteristics/dynamics, structure and operation, how it has evolved over time, and how it may further evolve. It engages students in examining the major economic, political, technological, and social trends driving the US healthcare system, and the implications of those trends in the strategic leadership and operational management of hospitals/health systems.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 627. Healthcare Brand Plan. 1.5 Credits.**

Students interested in the business of health will learn to create brand plans in the healthcare industry. Students will learn brand plan principles and concepts as they examine best practices from pharmaceutical brands. The course concludes with the development and presentation of a brand plan for a healthcare company, affording the opportunity to interact with industry. This course is ideal for students who aspire to be brand managers and marketing directors in the healthcare industry.

**Rules & Requirements**

**Grading Status:** Letter grade.

**BUSI 653. Applied Learning: Symposium Core Committee. 1.5 Credits.**

Permission of the department. This course is by invitation only to students who previously served on the Undergraduate Business Symposium core committee. As senior advisors, students practice the leadership, organization, delegation, communication, and teamwork skills that they learn about in their other courses.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 3 total credits. 2 total completions.

**Grading Status:** Letter grade.

**BUSI 688. Applied Trading Strategies. 1.5 Credits.**

This seminar style course develops a set of financial tools useful for trading primary and derivative securities with the goal of obtaining specific exposures in equity, fixed income, and commodity markets. The course examines methods for managing financial price risk of positions and how hedge funds use derivatives in practice. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, BUSI 408 and 588.

**Grading Status:** Letter grade.


 **BUSI 691H. Honors Research Proposal. 3 Credits.**

Permission of the department. Open to senior business administration majors with a minimum 3.5 grade point average in business courses. Students learn business research techniques and develop individual proposals for business research. Successful proposals may advance to honors thesis research and writing (BUSI 692H).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Grading Status:** Letter grade.

 **BUSI 692H. Honors Thesis. 3 Credits.**

Permission of the department. Open to senior business majors with a minimum 3.5 grade point average in business courses. Original investigation of a topic in business and preparation of a substantive research project under the direction of a faculty advisor. Written essay and oral presentation are required.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, BUSI 691H.

**Grading Status:** Letter grade.

## Contact Information

**Kenan–Flagler Business School**

Visit Program Website (<http://www.kenan-flagler.unc.edu>)

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(919) 962-0339

**Dean**

Douglas A. Shackelford

**Senior Associate Dean for Strategy and Academics**

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## Business Administration Major, B.S.B.A.

The business administration program is considered a general management degree, and the UNC Kenan–Flagler Business School encourages breadth in both the business curriculum and in the continuation of study in fine arts, humanities, and natural and social sciences.

Admission (p. 1038) to the program is required.

Students are subject to the requirements in place when they are admitted to the UNC Kenan–Flagler Business School; consequently, the requirements described in this catalog particularly apply to students admitted to the school during the 2023–2024 academic year.

## Student Learning Outcomes

Upon completion of the business administration program, students should be able to:

- Demonstrate analytic and decision-making competencies in core business disciplines
- Demonstrate effective and relevant communication skills
- Demonstrate effective management through the development of effective leadership, interpersonal, and teamwork skills
- Demonstrate global leadership competencies

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Students are required to complete 29.5 credit hours of core business courses.

Code	Title	Hours
<b>Core Business Courses</b>		
BUSI 401	Management and Corporate Communication <sup>1</sup>	3
BUSI 403	Operations Management	3
BUSI 404	Business Ethics	1.5
BUSI 405	 Leading and Managing: An Introduction to Organizational Behavior	3
BUSI 406	Marketing (prerequisite for marketing electives) <sup>1</sup>	3
BUSI 407	Financial Accounting	3
BUSI 408	Corporate Finance (prerequisite for finance electives) <sup>1</sup>	3
BUSI 410	Business Analytics	3
BUSI 411	Strategic Management at the Business Level <sup>2</sup>	1.5
BUSI 412	Strategic Management in the Modern Corporation <sup>2</sup>	1.5
ECON 410	 Intermediate Microeconomics <sup>H</sup>	4
<b>Business Electives</b>		
Eighteen credit hours of business electives <sup>3,4</sup>		18
<b>Courses Outside the Kenan-Flagler Business School</b>		
At least five courses outside the Kenan–Flagler Business School and any additional business or nonbusiness courses needed to complete a minimum of 120 credit hours, including transfer credit, to graduate		15
<b>Total Hours</b>		<b>62.5</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Recommended to be taken within the first two semesters of the program.

<sup>2</sup> BUSI 411 must be taken prior to BUSI 412; BUSI 412 must be taken in last 2 semesters.

<sup>3</sup> An area core course, with an earned grade of at least a C (not C-), is a prerequisite course for any elective course in that area (e.g., BUSI 406 is a prerequisite for BUSI 501). Other restrictions may apply to certain business courses.

<sup>4</sup> 300-level courses are capped at a maximum of 9.0 credits.

## Emphasis Areas

Business majors are provided with the opportunity to add an optional area of emphasis to their general management degree. Areas of emphasis generally consist of a minimum of nine credit hours of elective courses. All course information for the areas of interest can be found in the KF intranet. AOE's do not show on your diploma, they show on transcript and can be notations on your resume.

## Transfer of Business Course Credits from Other Institutions

Without regard to a student's prospective academic major or minor at UNC–Chapel Hill, the UNC Kenan–Flagler Business School will consider for transfer credit business administration courses that meet each of the following six criteria. No exceptions are made.

1. For upper-level courses (equivalent to those numbered 400–699 in the Kenan–Flagler undergraduate curriculum), the course was completed at
  - a. an institution accredited by AACSB International, or
  - b. a constituent four-year institution of the University of North Carolina, or
  - c. an international partner institution of Kenan–Flagler's undergraduate business program.
2. The final course grade earned was at least C (not C-) as verified by an official transcript. Courses taken Pass/Fail are ineligible.
3. A comparable course is available in the Kenan–Flagler undergraduate curriculum.
4. The course is not approved for credit in other UNC–Chapel Hill departments (i.e., no double credits).
5. The student completed the course within the past three academic years.
6. The substantive coverage of material constitutes no less than 75 percent of coverage in the comparable Kenan–Flagler course, and there is sufficient indication of individual student evaluation (i.e., no fewer than two major examinations, including a final examination).

For students who wish to transfer to UNC–Chapel Hill, pre-approval of such courses is recommended. Requests for validation of course credits earned at another institution must be made no later than the end of the first semester of enrollment at UNC–Chapel Hill following completion of the course. The business school does not award transfer credits in excess of three upper-level courses.

For business majors who earn admission to UNC Kenan–Flagler Business School, no more than three upper-level courses taken at another institution may be applied to the undergraduate business major curriculum unless earned as part of a preapproved Kenan–Flagler overseas study program.

All business minor courses must be completed at UNC Kenan-Flagler, except for courses taken if studying abroad through a Kenan-Flagler program.

To request review and validation of eligible courses, students should submit a Transfer Credit Request Form through Connect Carolina. A copy

of the course syllabus must be included for all courses being evaluated. The syllabus must include the title and edition of textbook(s) as well as list explicitly the course content. If the syllabus lists only chapters covered, without a description of the chapter content, a copy of the textbook's table of contents must be included.

## Special Opportunities in the Kenan–Flagler Business School

### Honors in Business

The Kenan–Flagler Business School honors thesis offers motivated undergraduate business students the opportunity to work closely with an individual faculty member on a specialized research topic of the student's choice during the senior year. Undergraduate business majors with a 3.3 cumulative graduate point average and a 3.5 grade point average in business courses are invited to be considered for the opportunity to participate in this two-course program (BUSI 691H and BUSI 692H).

In the first semester (BUSI 691H), students become familiar with the mechanics, methodologies, and recent literature on topics of major interest. Each student formulates an honors thesis proposal and initiates work on the project. During the second semester (BUSI 692H), the thesis work is conducted under the supervision of a faculty advisor with expertise in the general topic's area of research.

Students who successfully complete the second-semester course (BUSI 692H) will submit to an oral examination on the thesis. Upon successful completion of the program, the student receives the bachelor of science degree with honors or highest honors, as determined by the student's committee.

### Career Services

The Undergraduate Business program provides career development resources and services tailored to business students, such as specialized training and professional development activities, targeted networking opportunities, function- and industry-specific career clubs and student organizations, and focused career coaching and programming. Undergraduate business students are expected to maintain an up-to-date profile on Handshake through University Career Services, which is the primary resource for all UNC–Chapel Hill students for job/internship postings, résumé referral, on-campus interviewing, and career fairs.

As the job market remains highly competitive, the Undergraduate Business program strongly encourages business students to undertake internships and other experiential learning opportunities when possible. These hands-on experiences can be a valuable part of a student's career development. Also, demonstrated leadership experience along with community service and a global learning experience are additional desirable factors that many employers seek in candidates. The Undergraduate Business Career Services team assists students with connecting the dots of their college experience to launch careers with positive impact.

### STAR Program

Kenan–Flagler's Student Teams Achieving Results (STAR) program fields teams of top M.B.A.s and undergraduate business students to build comprehensive and actionable strategies for eligible corporations and not-for-profits. STAR teams begin the project by developing a scope of work with the client and signing a confidentiality agreement. Over the life of the project, teams typically analyze the market, assess the competitive situation, develop a strategy, and define an action plan that covers financials, risk assessment, and implementation. STAR teams

are guided throughout the course by a course professor, a team-specific faculty advisor, and client executives. Opportunities in STAR–Domestic and Global Business Projects exist.

### Student Involvement

Students in the undergraduate business program are encouraged to join a variety of student organizations during their time at Kenan–Flagler. These organizations include career-focused clubs (Accounting Club, Undergraduate Consulting Club, UNC Finance Society, Real Estate Club, Marketing Club, Operations Clubs, and others), affinity clubs (including Carolina Women in Business, Pride@KFBS, and Minority Business Student Alliance), and interest groups (including Sustainability Club, Undergraduate Healthcare Club, and Family Business Club). All these organizations give students valuable professional networking opportunities with recruiters and alumni, community service activities, and a chance to connect socially with peers. The program has a full-time wellness coach who works to ensure students take care of their well-being throughout their time in the program. The coach is available for 1-1 appointments and organizes a number of wellness-focused initiatives and programming to support all students. There are a number of program- and student-led initiatives to encourage community and equity among the student body to increase a feeling of belonging. Visit the undergraduate business program website for the most up-to-date information.

### Global Programs

Kenan–Flagler undergraduate global programs are consistently highly ranked by students for the quality and variety of programs available. The Undergraduate Business program provides a portfolio of over 40 different programs in Europe, Africa, Asia, and Oceania that offer students the opportunity to earn business core and/or elective credit. Business students can develop their global perspective through participation in business semester abroad, faculty led global immersion electives (GIEs), summer study abroad, or international internships.

GLOBE® (Global Learning Opportunities in Business Education) is UNC Kenan–Flagler's flagship global program. This study abroad program is a partnership with Chinese University of Hong Kong, Copenhagen Business School, and the University of North Carolina. Every year, approximately 18 students from each school form a cohort and study together for a semester at each school. The GLOBE® program customizes the curriculum based on unique strengths of each region. Students take courses in subjects such as global leadership and organizational behavior, business and politics in the U.S., marketing in China, finance and financial institutions, and a capstone consulting project in the final semester of the program. These courses are GLOBE specific courses taken as a cohort. GLOBE students take other business courses during the semester to round out a full course load.

Over half a million dollars is available in scholarship funds for global programs for Kenan–Flagler students. Additionally, the Phillips Ambassador program offers \$5,000 scholarships exclusively for Kenan–Flagler.

### Undergraduate Awards

Each spring, Kenan–Flagler students, staff, and faculty nominate graduating seniors to be considered for academic excellence and core value awards. The core values of integrity, inclusion, impact and innovation underpin everything the school stands for and the students who are given these awards have embodied these qualities throughout their time in Kenan–Flagler. The chosen students are recognized by their peers during the school's commencement ceremony. Beta Gamma Sigma,

the national business honorary society, offers top-performing students the chance to be inducted into that organization each spring.

## Undergraduate Business Symposium

Since its inception in 1983, the Undergraduate Business Symposium continues to be the flagship career event for the Undergraduate Business program and an annual highlight for the UNC Kenan–Flagler community. It is the largest and longest-running student-organized event of its kind. Each year the event brings together more than 425 undergraduates and 125 company representatives from a diverse set of industries and organizations from across the country. The Undergraduate Business Symposium provides students with the opportunity to learn about a variety of industries and organizations, the chance to network and interact with business representatives and UNC Kenan–Flagler faculty, obtain insights into the dynamic business landscape, and the opportunity to showcase their analytical, communication, and problem-solving skills.

## Department Programs

### Major

- Business Administration Major, B.S.B.A. (p. 1052)

### Minor

- Business Administration Minor (p. 1055)
- Real Estate Minor (p. 1056)

### Graduate Programs

- M.S. (Management) in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)
- Ph.D. in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)

## Contact Information

### Kenan–Flagler Business School

Visit Program Website (<http://www.kenan-flagler.unc.edu>)  
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### Dean

Douglas A. Shackelford

### Senior Associate Dean for Strategy and Academics

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### Associate Dean for Undergraduate Programs

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## Business Administration Minor

The business administration minor will allow students to graduate with solid knowledge of business concepts. This minor is a perfect option to pair with several majors, making students more marketable and flexible, as there is a business component in all jobs and industries.

Admission (p. 1038) to the minor is required.

## Requirements

In addition to the program requirements listed below, students must:







- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

All business minor courses must be completed at UNC Kenan–Flagler, except for courses taken while studying abroad through a Kenan–Flagler Program.

Students must successfully complete four specific business core courses and a minimum of two business elective courses (4.5 credit hours) for a total of 15 credit hours. The program can be completed within two to three semesters.

Once admitted as business minors, students will be able to register themselves in the core courses (BUSI 403, BUSI 406, BUSI 408, and BUSI 411) through Connect Carolina. Business minors may take a maximum of six business elective courses (regardless of credit hours) during their academic career.

Code	Title	Hours
<b>Prerequisite Courses</b>		
BUSI 100	Introduction to Business: People, Profits, Planet	1.5
ECON 101	 Introduction to Economics <sup>H, F</sup>	4
Select one of the following:		3
MATH 152	 Calculus for Business and Social Sciences <sup>F</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	
MATH 232	 Calculus of Functions of One Variable II <sup>H, F</sup>	
STOR 113	 Decision Models for Business and Economics	
STOR 155	 Introduction to Data Models and Inference <sup>F</sup>	3
<b>Total Hours</b>		<b>11.5</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Code	Title	Hours
<b>Core Courses</b>		
BUSI 403	Operations Management	3
BUSI 406	Marketing	3
BUSI 408	Corporate Finance	3
BUSI 411	Strategic Management at the Business Level <sup>1</sup>	1.5

BUSI --	Additional BUSI courses to reach the minimum 15 credit hours	4.5
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**Total Hours** **15**

<sup>1</sup> We recommend taking BUSI 411 after the successful completion of BUSI 406 and BUSI 408.

## Department Programs

### Major

- Business Administration Major, B.S.B.A. (p. 1052)

### Minor

- Business Administration Minor (p. 1055)
- Real Estate Minor (p. 1056)

### Graduate Programs

- M.S. (Management) in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)
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## Contact Information

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## Real Estate Minor




The specialized business administration minor in real estate leverages innovative academic programming including experiential courses, invested faculty and staff, and engaged alumni across the nation. This minor prepares students for a wide array of real estate positions in nearly every corner of the industry and it is available to students in any discipline.

Admission (p. 1038) to the minor is required.

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
BUSI 408	Corporate Finance	3
BUSI 585	Introduction to Real Estate	3
BUSI 601	Real Estate Finance <sup>H</sup>	1.5
BUSI 603	Real Estate Development	1.5
BUSI 604	Real Estate and Capital Markets <sup>H</sup>	1.5
BUSI 605	Real Estate Capstone	3
For the additional required elective credit students may take one approved course from the BSBA offerings or one from the list below:		1.5
PLAN 246	 Cities of the Past, Present, and Future: Introduction to Planning	
PLAN 247	 Solving Urban Problems	
PLAN 317	Introduction to Site Planning and Urban Design	
PLAN 575	 Real Estate Development	
ECON 440	Analysis of Public Finance	
ECON 490	Special Topics	
Other ECON course as approved by the Economics Department and KFBS		
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Department Programs

### Major

- Business Administration Major, B.S.B.A. (p. 1052)

### Minor

- Business Administration Minor (p. 1055)
- Real Estate Minor (p. 1056)

### Graduate Programs

- M.S. (Management) in Business Administration (<http://catalog.unc.edu/graduate/schools-departments/kenan-flagler-business-school/>)
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# UNC Adams School of Dentistry

## Introduction

The UNC Adams School of Dentistry is proud to be one of few schools in the United States to offer curricula in dental hygiene, doctor of dental surgery (D.D.S.), post-D.D.S. advanced dental education, and Ph.D. programs all under one roof. The various programs span many disciplines and offer multiple career paths. Whatever program you select, you can feel confident you are receiving a top-tier education from some of the nation's leading dental educators.

The school is committed to excellence in dental education at all levels. Whether applicants want to apply to the school's dental hygiene program, pursue their D.D.S. degree, or enroll in the six-year oral and maxillofacial surgery residency program, the school actively invests in providing the best education possible to its students. The academic environment fosters the pursuit of knowledge in the basic, behavioral, and clinical sciences. Independent thinking and lifelong learning are encouraged through degree-granting and continuing education programs. A high standard of professional and personal ethics, as well as technical excellence, are integral to the learning experience.

The school thoroughly prepares each of its graduates for their career and sets them on a path to success. Whether students plan to enter the general practice of dentistry, the dental specialties, allied dental health fields, research, or teaching, the UNC Adams School of Dentistry prides itself in producing some of the country's best clinicians, researchers, and academicians.

## Programs

### Doctor of Dental Surgery (D.D.S.) Program

The UNC Adams School of Dentistry offers a four-year Doctor of Dental Surgery (D.D.S.) program to produce practitioners who are qualified to enter general dental practice, dental research, teaching, public service or postdoctoral programs, including graduate programs in various dental specialties. The school is interested in recruiting students who are willing to accept professional responsibilities in their communities; to participate in professional activities; and to pursue a lifetime of learning to enhance their delivery of effective patient care and service to the profession and the public. There is not sufficient space in the dental school to admit all students who meet the quantitative and qualitative standards. For this reason, the quality of the student's undergraduate work is of great importance in selection for admissions, as well as motivation to pursue a career in dentistry.

### Dental Hygiene Programs

The dental hygiene programs are designed to educate and prepare dental hygienists for careers in a diverse and changing health care environment. Being a part of the UNC Adams School of Dentistry enables students to have a variety of experiences in clinical patient care, community dental health, and dental specialties, including geriatric dentistry, pediatric dentistry, periodontics, and research. The emphasis is on creating well-rounded dental hygiene health care professionals who will treat a variety of patients and provide leadership in the profession.

The school offers both undergraduate and graduate level education for dental hygiene students. The undergraduate program prepares students to become registered dental hygienists, while the graduate program focuses on allowing already-registered dental hygienists to begin careers in academia.

## Graduate and Advanced Dental Education

The UNC Adams School of Dentistry is proud to offer many advanced dental education and graduate programs for prospective students to consider, in addition to observer externship opportunities. These programs are designed to further the knowledge of students and to provide specialty training in various fields of dentistry.

More information about the dental hygiene (<https://www.dentistry.unc.edu/academicprograms/dh/>) and graduate and advanced dental education programs (<https://www.dentistry.unc.edu/academicprograms/ade/>) can be found in this catalog and on the school's website (<http://www.dentistry.unc.edu>).

## Facilities

The UNC Adams School of Dentistry is one of the largest dental school facilities in the nation. The school has grown to include several buildings, located within a dynamic health sciences campus. Among the school's buildings are Tarrson Hall, a state-of-the-art clinical teaching facility, and Brauer Hall, which includes patient simulation laboratories and other facilities. The majority of the school's research takes place in Koury Oral Health Sciences, completed in April 2012. This 216,000-square-foot facility houses a variety of classroom and lecture spaces, as well as cutting-edge research laboratories, all of which encourage collaborative research and learning experiences. The school is equipped with state-of-the-art classrooms, case study rooms, simulation laboratories, clinical facilities, and Kirkland Auditorium. The school also features an atrium with a media wall, social seating, and dining areas with a food court.

### Professional Program

- Doctor of Dental Surgery, D.D.S. (p. 1059)

### Major

- Dental Hygiene Major, B.S. (p. 1065)

### Graduate Programs

- M.S. in Dental Hygiene Education (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Endodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Operative Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. and Ph.D. in Oral and Craniofacial Biomedicine (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Pathology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Radiology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Orthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Pediatric Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

- M.S. in Periodontology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Prosthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

## Information Relevant to the UNC Adams School of Dentistry Experience

### Immunization Requirements

The State of North Carolina immunization requirements and the UNC Adams School of Dentistry immunization requirements for dental hygiene and doctor of dental surgery students are listed below. Documentation of all is required with application.

#### State Requirements

- Three DTP (diphtheria, tetanus, pertussis), Td (tetanus, diphtheria), or Tdap (tetanus, diphtheria, pertussis) doses. (This fulfills the primary series requirement.)
  - One Tdap booster after completion of the primary series that did not include a Tdap, and then a Td vaccine every 10 years thereafter.
- Three polio (unless greater than 18 years of age).
- Two measles (rubeola), two mumps, one rubella (two MMR doses meet this requirement) or positive titers.
- COVID-19 vaccination series, including prior boosters, or intent to request a medical or religious exemption.
- Hepatitis B series (not required for individuals born before July 1, 1994). **See school requirements below.**

#### UNC Adams School of Dentistry Requirements

- Varicella vaccination series (two shots) or a positive titer.
- Hepatitis B vaccination series (three shots) and a positive hepatitis B antibody (HBsAb) quantitative titer. (Please make sure your physician does not order a qualitative titer.) Ideally, a titer is recommended one to two months after completion of the series for proof of immunity to hepatitis B but can be checked at a later date.
- Two-step tuberculosis skin test (TST) or a TB blood test (IGRA). DDS and DH students report to Campus Health and follow the testing procedures required. Advanced Dental Education students report to Employee Health and follow the testing procedures required.

The matriculating student is required to submit an official certificate of immunizations that is signed by an authorized healthcare provider. Immunization documentation is to be submitted to both UNC Campus Health Services (CHS) and to the UNC Adams School of Dentistry through eMedley and Connect Carolina by a published and specified date. CHS will notify students who are not in compliance with the state immunization requirements noted above. Individuals who have not met the state immunization requirements after 30 calendar days from the first date of attendance will be administratively withdrawn from the University by the University Registrar. See the UNC Campus Health website (<http://campushealth.unc.edu/services/immunizations/health-science-students-immunizations/>).

Students with deficiencies in the additional immunization requirements of the school will be notified of the deficiencies by the UNC school's director of clinical compliance. The school will work with students to meet these additional requirements. The failure to comply with the school's requirements after consultation with the director of clinical

compliance and the agreed-upon resolution schedule will result in administrative withdrawal from the school.

### Additional Requirements

Annually:

- Influenza vaccine not earlier than September 1.
- Tuberculosis screening.
- Verification of health insurance. UNC–Chapel Hill requires all eligible students to have health insurance (see the UNC Campus Health Student Health Insurance website (<http://campushealth.unc.edu/charges-insurance/mandatory-student-health-insurance/>)). Students are required to waive with existing creditable insurance each semester or they will automatically be enrolled in the UNC System Student Health Insurance Plan, which is administered by Student Blue/BCBS of NC. To waive or enroll/renew, visit the Student Blue website (<http://www.bcbsnc.com/unc/>).

Biennially:

- American Heart Association certified CPR for Healthcare Providers training. Documentation of current certification is required of the matriculating student and is to be submitted through eKeeper. (Note that the school requires in-person CPR skills assessment.)

**Infection Control:** One of the consequences of the delivery of health care is the possibility of contracting an infectious disease such as tuberculosis, hepatitis, HIV, or herpes. To minimize this risk, the school has adopted an Infection Control Policy that requires the wearing of a clinical overgarment, disposable gloves, a mask, and protective eye covering when oral examinations and dental procedures are being performed. **NOTE:** COVID-19 has adjusted these requirements and additional Personal Protective Equipment (PPE) may be required.

### Infectious Disease Status

Students engaged in patient care activities are required to know their tuberculosis and hepatitis B (HBV) status, and are encouraged to learn their hepatitis C (HCV) and HIV status. State regulations require health care workers, including students, who perform surgical or dental procedures or who assist in such procedures in a way that may result in an exposure of patients to their blood, and who know themselves to be infected with HIV or HBV, to report their status to the state health director. See UNC's policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131793>).

### Late Registration

University regulations require students who do not register before the first day of classes in any semester or summer session to pay an additional fee of \$20 for delayed registration. Any student who believes that she/he can show sufficient justification for the delay may petition for a refund by completing a form, which can be found online (<https://registrar.unc.edu/guide/registration-policies/late-fee-refund-petition/>), and outlining the reason for delay. This form must bear the approval of the dean of the UNC Adams School of Dentistry.

### Awarding of Degrees and Certificates

To be awarded a degree or certificate, students must satisfactorily complete all requirements of their respective program.

## Class and Clinic Attendance

Regular class and clinic attendance is a student obligation. No right or privilege exists that permits a student to be absent from any given number of sessions.

## Patient Care Responsibilities

Students are granted the privilege of participating in the patient care system of the UNC Adams School of Dentistry and are expected to provide care consistent with our person-centered philosophy. Patients are a central part of the health care team and are involved in the planning of their care. It is the responsibility of the dental student to provide patients with the information needed so they make informed decisions about their treatment. The dental student has the responsibility to provide high-quality, evidence-based care to all their assigned patients in a timely manner and to uphold the ethical responsibilities as outlined in the school's Code of Professional Conduct and its Technical Standards.

Current academic policies and procedures can be found online (<https://policies.unc.edu/TDClient/2833/Portal/Shared/Search/?c=all&s=school+of+dentistry>). However, policies are subject to change at any time. The manual provides guidelines for governing the School of Dentistry educational programs and advises students, faculty, and staff of academic policies and procedures related to the respective programs.

## Contact Information

### UNC Adams School of Dentistry

Visit Program Website (<http://www.dentistry.unc.edu>)  
385 South Columbia St., CB# 7450, Chapel Hill, NC 27599-7450  
Academic Affairs: (919) 918-1258

### Dean

Dr. Janet Guthmiller  
[janet\\_guthmiller@unc.edu](mailto:janet_guthmiller@unc.edu)

## Doctor of Dental Surgery, D.D.S.

The UNC Adams School of Dentistry offers a four-year doctor of dental surgery (D.D.S.) program to produce healthcare practitioners who are qualified to enter general dental practice, dental research, teaching, public service, or postdoctoral programs including graduate programs in various dental specialties. The school is interested in recruiting students who are willing to accept professional responsibilities in their communities; to participate in professional activities; and to pursue a lifetime of learning to enhance their delivery of effective patient care and service to the profession and the public. There is not sufficient space in the dental school to admit all students who meet its quantitative and qualitative standards. For this reason, the quality of the student's undergraduate work is of great importance in selection for admission, as well as motivation to pursue a career in dentistry.

## Admissions

*The D.D.S. admissions process at the University of North Carolina Adams School of Dentistry is dedicated to selecting and enrolling students to study dentistry and to provide qualified dental practitioners to the State of North Carolina and beyond.*

## Admission Requirements

Students preparing for the study of dentistry are encouraged to complete a residential four-year curriculum leading to the B.A. or B.S. degree. Students not pursuing a degree must complete a predoctoral program of at least three years of accredited college courses (96 semester hours

or 144 quarter hours). The UNC Adams School of Dentistry will accept a maximum of 64 semester hours of credit from an accredited community, technical, or online college or university. Any community, technical, or online college or university courses submitted for credit must be acceptable to the UNC Office of Undergraduate Admissions. However, students who have 64 hours of credit from a community, technical, or online college or university must complete all additional course work at an accredited residential four-year college or university. See the course descriptions in the prerequisites table below by clicking on the course abbreviations (e.g., BIOL 101). The prerequisite courses (required predoctoral courses) must be completed prior to admission (preferably on-site at a residential four-year college or university). Undergraduate students attending a school other than UNC-Chapel Hill should use this catalog as a guide for completing the prerequisite courses. Required courses not completed at an accredited four-year institution must be transferable to UNC-Chapel Hill as equivalent courses.

## Prerequisites

Code	Title	Hours
<b>Biology</b>		
The basic requirement is eight semester hours (two courses, laboratories required, one laboratory must include dissection, one of which must be human anatomy or vertebrate zoology with a laboratory).		8
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H, F</sup>	
BIOL 252	Fundamentals of Human Anatomy and Physiology <sup>1, H</sup>	
BIOL 474 & 474L	Evolution of Vertebrate Life and Vertebrate Structure and Evolution Laboratory <sup>1, H</sup>	
<b>Chemistry</b>		
The basic requirements are eight semester hours of general chemistry (two courses, laboratory required), six semester hours of organic chemistry (two courses, laboratory not required) and three semester hours of biochemistry (laboratory not required).		17
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H, F</sup>	
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	
<b>Physics</b>		
The requirement is two college-level courses of non-calculus-based physics that will cover basic principles of physics relevant to living things.		8
PHYS 114	General Physics I: For Students of the Life Sciences <sup>2, F</sup>	
PHYS 115	General Physics II: For Students of the Life Sciences <sup>2, F</sup>	
<b>English</b>		

The basic requirement is six semester hours (or courses required for a degree from an accredited college or university) of coursework emphasizing compositional writing. 6

**Total Hours** 39

- H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.
- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Take either BIOL 252 or both BIOL 474 and BIOL 474L.

<sup>2</sup> Although the two basic physics courses at UNC are calculus-based, non-calculus based courses are also acceptable as prerequisites.

## Additional Recommendations for Applicants

Prospective dental students should consider the following recommendations when preparing for the dental school admissions process.

While a high level of scholarship and manual dexterity are important criteria for predicting satisfactory achievement in dental school, the personal qualifications of applicants are also critically important. Good moral character is an important prerequisite for entering the dental profession. No school, including ours, wants to train prospective dentists who lack either the highest ethical standards or a sense of social responsibility.

Development of both a strong preclinical science knowledge and a broad exploration of the liberal arts are valued in our applicants. Courses in art, biostatistics, business, communication/public speaking, compositional writing, computer science, English, ethics, foreign languages, immunology, literature, microbiology, molecular biology, music, philosophy, political science, psychology, sociology, and/or statistics should be considered.

Experiences in functioning as part of a team are critical in the health professions. Prospective students should demonstrate the ability to function as both a leader and a productive team member.

We want our students to be able to work with diverse populations. Experiences working in diverse communities or with diverse groups of people is suggested.

Exploration of dentistry through shadowing is important in informing perspective and confirming interest in the profession. While no minimum number of shadowing hours is required, we strongly recommend that applicants thoroughly explore the dental field with a strong emphasis on the practice of general dentistry. Multiple, long-term experiences are valued more highly than short-term interactions. Local and global experiences are equally valued; the significance of an experience is more important than the location.

## Dental Admission Test

All students must complete the Dental Admission Test (DAT), conducted by the American Dental Association, before being considered for admission to the UNC Adams School of Dentistry. This test is administered by Prometric Inc. (<http://www.prometric.com>) across the

country and should be taken in the spring or fall of the year prior to the desired admission date. Applying at the end of the spring semester is encouraged to facilitate early consideration for an interview by the admissions committee. DAT test scores must be valid and may not be more than three years old. During the admissions cycle (June through October), applicants may submit unofficial DAT scores by email or fax or in-person because of the delay associated with reporting official scores to the Office of Admissions and Student Life.

The DAT is designed to measure general academic ability, comprehension of scientific information, and perceptual ability. While all dental schools require examinees to participate in the Dental Admission Testing Program, test results are only one factor considered in evaluating admission potential.

In documented cases of severe financial hardship, the ADA has a limited number of partial fee waivers available to DAT examinees on a first-come, first-serve basis. For more information, please visit the Dental Admission Test (<https://www.ada.org/en/education-careers/dental-admission-test/dat-fee-waiver-information/>) website.

The Dental Admission Testing Program does not endorse any test preparation courses and has no data on the content or efficacy of test preparation courses designed to prepare examinees to take the DAT. The Department of Testing Services urges individuals considering participation in test preparation courses to review the course materials carefully to ensure that they reflect the current content of the DAT. For more information or to contact the ADA Department of Testing Services, which administers the test, visit the American Dental Association's Dental Admission Test (<http://www.ada.org/dat.aspx>) website.

## Selection Factors

The UNC Adams School of Dentistry is committed to maintaining its diverse student body. To that end, individuals from a wide range of backgrounds who have had different experiences and have the potential to contribute to dentistry or dental practice are considered by the admissions committee. The school also strives to admit individuals who will benefit from and contribute to the educational environment and the dental profession and be prepared at graduation to enter a wide range of careers. The school expects applicants to demonstrate the following skills, experiences, or potentials:

- An applicant must possess satisfactory academic abilities as evidenced by having successfully completed the prerequisite (required pre dental) courses and the Dental Admission Test at an acceptable level of performance.
- An applicant should possess psychomotor ability sufficient to perform the necessary technical skills required in dentistry. These skills are evidenced by an acceptable performance on the perceptual ability exam of the Dental Admission Test and by participation in hobbies and other experiences that require psychomotor activity outside of the normal college curriculum.
- An applicant must demonstrate a service commitment and a desire to help others. This is evidenced by participation in extracurricular and volunteer activities that require interaction with others. A caring attitude is considered central to the practice of dentistry, and the school expects an applicant to demonstrate this mindset. A pre dental curriculum designed to expand social awareness and extracurricular experiences demonstrating social sensitivity will be important factors in an application for admission.

- An applicant should possess the potential to be a self-directed, lifelong learner. By definition, the dental profession requires a practitioner to learn continually in order to provide the highest level of patient care. Extracurricular experiences that indicate a high level of independent, intellectual curiosity are favored.

- An applicant must demonstrate knowledge of the dental profession. Such knowledge can be obtained from talking with and observing dentists and reading appropriate dental literature. The dental school expects applicants to have a firm grasp of what the dental profession is and what important issues are facing the profession.

## Application Process and Admissions

All inquiries regarding admissions to our D.D.S. program should be directed to the Office of Admissions and Student Life by calling (919) 537-3348 or by emailing [DDSAdmissions@unc.edu](mailto:DDSAdmissions@unc.edu). Our admissions processes do not discriminate against candidates on the basis of age, color, disability, gender, gender expression, gender identity, genetic information, national origin, race, religion, sex, sexual orientation, or veteran status.

The school participates in the Associated American Dental Schools Application Service (AADSAS), which is sponsored by the American Dental Education Association (ADEA). Applicants are required to file an AADSAS application (<https://aadsas.liaisoncas.com/applicant-ux/#/login>) as well as the School of Dentistry supplemental application.

Supplemental application materials include the D.D.S. Supplemental application itself, a nonrefundable application fee, DAT scores, a 2" x 2" passport photo, and the North Carolina Residency Determination Service application (<https://ncresidency.cfnc.org/residencyInfo/>) (for in-state applicants). The AADSAS application deadline is November 1 and the UNC D.D.S. Supplemental application deadline is November 15 for admission to the following year's class. Applicants are strongly encouraged to file their applications as soon as possible, ideally several months prior to the deadlines. An email will be sent once AADSAS has released your application to us.

Following application review, selected applicants are invited to the school for a series of personal interviews with our Admissions Committee. An evaluation from the interview combined with the applicant's academic record, engagement in various activities, and performance on the DAT are the basis for the applicant's consideration for acceptance. Acceptance offers are extended in compliance with the ADEA Acceptance Notification Date Guidelines ([https://www.adea.org/GoDental/ADEA\\_AADSAS\\_Application/The\\_application\\_to\\_dental\\_school\\_\\_ADEA\\_AADSAS.aspx](https://www.adea.org/GoDental/ADEA_AADSAS_Application/The_application_to_dental_school__ADEA_AADSAS.aspx)) and continue on a rolling basis until the class is full. Acceptance to the D.D.S. program is provisional based on satisfactory completion of further requirements, including, but not limited to, background checks.

## Deposit

An applicant accepted for admission must deposit \$500 with the University Cashier within the designated timeline established by the Office of Admissions and Student Life. Upon registration for dental school classes, this deposit will be credited and applied to the applicant's tuition/fees. This deposit is non-refundable. If the applicant rescinds the acceptance offer and does not register for classes, the deposit will be forfeited.

## Advising

A representative from the Office of Admissions and Student Life is pleased to consult with prospective students to provide guidance in the

admissions process, as schedules permit. However, these meetings must occur outside of the active application cycle for which the prospective student is applying. Please contact the Office of Admissions and Student Life at [DDSAdmissions@unc.edu](mailto:DDSAdmissions@unc.edu) to inquire about scheduling a meeting.

## Contact Information

**Email:** [DDSAdmissions@unc.edu](mailto:DDSAdmissions@unc.edu)

**Phone:** (919) 537-3348

**Mailing Address:**

Office of Admissions and Student Life  
UNC Adams School of Dentistry  
3501 Koury Oral Health Sciences Building  
Chapel Hill, N.C. 27599-7450

## Internationally Trained Dentists: Advanced Standing Program (ASPID)

As of February 2018, the UNC Adams School of Dentistry offers the Advanced Standing Program for International Dentists (ASPID) as an entry for graduates of foreign dental schools, except Canadian graduates, who seek to receive additional training and practice dentistry in the United States. Applicants must apply through ADEA/CAPPID (<https://www.adea.org/adeacaapid/>).

Each cohort of ASPID students begins in January, with a six-month intensive track leading to integration of the students into the third-year predoctoral D.D.S. class during the fall semester of that same year. During the first six months, ASPID students are enrolled in didactic and preclinical courses that will prepare them to be fully integrated into the third year of predoctoral dental education.

The students will participate in specially designed preclinical laboratory and didactic courses to review key topics relative to the practice of oral health care. To apply, applicants are required to successfully pass both National Dental Boards Part I and II (both now discontinued) or the current Integrated National Board Dental Exam (INBDE), the standard written tests for practice in the United States. Transcripts from international schools must be evaluated by Educational Credential Evaluators (ECE).

## Requirements

***The predoctoral curriculum is current as of the 2022–2023 academic year but it remains subject to change.***

The primary intent of the dental school curriculum is to produce dental practitioners who: (1) are qualified to enter general dental practice, postdoctoral programs including graduate programs in various dental specialties or dental research, teaching or public service; and (2) can accept professional responsibilities in their communities, participate in professional activities and pursue a lifetime of learning that enhances their delivery of effective services to patients and the profession.

The curriculum is under continuous review and is subject to change at any time upon approval of the faculty and the dean. The faculty reserves the right to make changes in curriculum and in regulations when, in its judgment, such changes are in the best interest of the students, patients and the school. Ordinarily, students may expect to receive a degree by meeting the requirements of the curriculum as specified in the policy manual when they enter the school or in any subsequent catalog or policy manual published while they are students. The Adams School of Dentistry is not obligated to offer a course listed in the catalog in any particular year.

## First Year Courses

The first year of the D.D.S. curriculum includes content in the core biomedical sciences (gross anatomy, histology, biochemistry, physiology, microbiology and pathology), clinical/behavioral, and health systems sciences. Predoctoral learners gain an appreciation of various components of the patient care process with an emphasis on assessment (history taking, examination, diagnostic tests) and plan of care (diagnosis, treatment planning, and informed consent). Learners develop skills in restorative science, cariology, radiology, and evidence-based dentistry. Also included are seminars on interviewing skills, ethics, rotation through patient care services and the delivery of preventive care. These courses introduce learners to the relationship between basic science and clinical practice as well as the relationship between the healthcare provider and the patient. Basic social science concepts are integrated throughout the curriculum and proximal preclinical activities prepare learners to assume patient care privileges at the end of their first year.

Code	Title	Hours
<b>Fall Semester</b>		
DENT 500	Basecamp	5
DENT 501	Biomedical Sciences I: Orofacial Complex	3
DENT 504	Biomedical Sciences I: Growth & Development	1.5
DENT 511	Assessment & Plan of Care I: Introduction	4
DENT 521	Provision of Care: Preventive & Disease Management I	1
DENT 531	Provision of Care: Restorative Sciences I	2
DENT 541	Professional Ethics & Practice Management I	1.5
DENT 551	Public Health I	1
DENT 591	Preclinical Intensive I: Dental Assisting Practice	1
<b>Spring Semester</b>		
DENT 502	Biomedical Sciences II: Systems Based Biomedical Sciences	6
DENT 512	Assessment & Plan of Care II	8
DENT 522	Provision of Care: Preventive & Disease Management II	1
DENT 532	Provision of Care: Restorative Sciences II	3
DENT 542	Professional Ethics & Practice Management II	1
DENT 582	Clinical Experience I	2
DENT 592	Preclinical Intensive II: Local Anesthetics & Medical Emergencies	1.5
<b>Summer Semester</b>		
DENT 513	Assessment and Plan of Care III	1
DENT 533	Provision of Care: Restorative Sciences III	1.5
DENT 543	Professional Ethics & Practice Management III	1
DENT 583	Clinical Experience II	1
<b>Total Hours</b>		<b>47</b>

## Second Year Courses

During the second year, predoctoral learners continue taking biological science courses focused on organ systems and engage in a series of discipline specific dental science courses (preclinical endodontics, periodontics, removable and fixed prosthodontics, oral maxillofacial surgery, pathology, and advanced radiology). Learners are introduced to the lifespan with pediatrics, orthodontics, and special care courses. The healthcare delivery systems emphasize delivery models, interprofessional education, with leadership continuing throughout the curriculum.

Learners continue assuming various patient care privileges during the second year, delivering comprehensive care services, and are providing the therapeutic and preventive treatment needed by their patients.

Code	Title	Hours
<b>Fall Semester</b>		
DENT 601	Biomedical Sciences III: Systems	6
DENT 611	Assessment, Plan, and Provision of Care: Endodontics	4
DENT 621	Assessment, Plan, and Provision of Care: Periodontics	1.5
DENT 631	Provision of Care: Restorative Sciences IV	5
DENT 641	Professional Ethics and Practice Management IV	1
DENT 681	Clinical Experiences III	2
DENT 691	Intensive III: Interdisciplinary Plan of Care	1
<b>Spring Semester</b>		
DENT 602	Biomedical Sciences IV: Systems	6
DENT 612	Assessment, Plan, and Provision of Care: Oral Pathology	1.5
DENT 616	Life Course: Special Care	0.5
DENT 622	Provision of Care: Preventative and Disease Management III	1.5
DENT 632	Provision of Care: Restorative Sciences V	5
DENT 642	Professional Ethics and Practice Management V	1
DENT 652	Public Health II	1.5
DENT 662	Assessment, Plan, and Provision of Care: Oral Radiology I	1
DENT 672	Assessment, Plan, and Provision of Care: Oral Surgery	1
DENT 682	Clinical Experiences IV	2
DENT 692	Intensive IV: Implantology	1
<b>Summer Session</b>		
DENT 615	Life Course: Orthodontics in the Growing Patient	0.5
DENT 617	Life Course: Pediatric Dentistry	2
DENT 633	Provision of Care: Restorative Sciences VI	1.5
DENT 663	Assessment, Plan, and Provision of Care: Oral Radiology II	1
DENT 683	Clinical Experiences V	1.5
<b>Total Hours</b>		<b>49</b>

## Third Year Courses

In the third year, students provide comprehensive care for their patients in closely mentored clinical settings modeled on a contemporary, team-based dental office format. Engagement in specialty-based clinical rotations supports development of a broad, well-rounded dental skill set. A series of seminars are offered with an emphasis on inquiry case-based learning, integrated biomedical sciences, advanced clinical topics, treatment planning, practice management, leadership strategies, and contemporary topics. Opportunities for students to personalize their education (through electives, service activities, research engagement, certificate programs, dual-degree programs and more) are available. During this time, student prepare for the integrated national board dental examination (INBDE) to be taken in the summer between the third and fourth year.

Code	Title	Hours
<b>Fall Semester</b>		
DENT 700	Integrated Biomedical Sciences and Oral Stomatology	2
DENT 711	Guided Advanced Clinical Practice: Clinic I	12
DENT 720	Continuous Professional Development and Contemporary Conversations I	2
DENT 731	Gateway I	1
DENT 743	Professional Ethics and Practice Management VII	2
DENT 761	Inquiry Case Based Learning and Critical Thinking I	1
DENT 771	Treatment Planning I	4
DENT 306	Oral Surgery	2
DENT 308	Radiology	1
<b>Spring Semester</b>		
DENT 700	Integrated Biomedical Sciences and Oral Stomatology	2
DENT 712	Guided Advanced Clinical Practice: Clinic II	12
DENT 720	Continuous Professional Development and Contemporary Conversations I	2
DENT 732	Gateway II	1
DENT 743	Professional Ethics and Practice Management VII	2
DENT 761	Inquiry Case Based Learning and Critical Thinking I	1
DENT 771	Treatment Planning I	4
DENT 308	Radiology	1
DENT 315	Oral Surgery	1
DENT 316	Endodontic Didactics	0.5
<b>Summer Semester</b>		
DENT 713	Guided Advanced Clinical Practice: Clinic III	4
DENT 740	Partnering with Community to Advance Oral Health	3
DENT 741	Seminar I: Clinical Topics	2
<b>Total Hours</b>		<b>62.5</b>

## Fourth Year Courses

Fourth-year students assume greater responsibility for patients requiring more advanced dental care in our contemporary, vertically-integrated, team-based dental clinics. A series of seminars are offered with an emphasis on inquiry case-based learning, advanced clinical topics, treatment planning, practice management, leadership strategies, and contemporary topics. Learners continue to personalize their education through engagement in various Individualization activities (electives, service activities, research engagement, certificate programs, dual-degree programs and more). Learners also participate in five-week long extramural rotations at clinical sites located throughout the state, enabling immersive, hands-on clinical learning experiences in a variety of settings.

Code	Title	Hours
<b>Fall Semester</b>		
DENT 811	Guided Advanced Clinical Practice: Clinic IV	12
DENT 820	Continuous Professional Development and Contemporary Conversations II	2
DENT 831	Gateway III	1
DENT 841	Professional Ethics and Practice Management VIII	2
DENT 861	Inquiry Based Case Learning & Critical Thinking II	1
DENT 871	Treatment Planning II	3

DENT 881	Seminar II: Specialty Topics	1
DENT 413	Oral Pathology	1
<b>Spring Semester</b>		
DENT 812	Guided Advanced Clinical Practice: Clinic V	12
DENT 820	Continuous Professional Development and Contemporary Conversations II	2
DENT 841	Professional Ethics and Practice Management VIII	2
DENT 861	Inquiry Based Case Learning & Critical Thinking II	1
DENT 871	Treatment Planning II	3
DENT 413	Oral Pathology	1
<b>Total Hours</b>		<b>44</b>

## Opportunities

### Spurgeon Student Government

The Spurgeon Student Government exists as the governing body for all students of the UNC Adams School of Dentistry. Named after the late Dr. J.S. Spurgeon, a prominent and outstanding dentist from Hillsborough, N.C., the organization holds regular meetings in which elected representatives from each class of dental, advanced education, and dental hygiene students discuss and plan the functions of student government. Several projects are carried out each year including both social and academic. The school hosts many student-led organizations and programs allowing students opportunities to become involved in the community, in research and in school programs. For a listing of these organizations and specific details about these organizations, please visit our website (<http://www.dentistry.unc.edu/experience/unclife/orgs/>).

### Student Membership in the Dental Community

In addition to serving in various class and student organization officer positions, students are active members of the dental school community. They have membership on most standing dental school committees. There are other ways for students to be involved, as the school supports many student organizations. These organizations allow students to be involved with dentistry at the local and national levels. Please visit the website (<http://www.dentistry.unc.edu/experience/unclife/orgs/>) for a full list of our student organizations.

### International Opportunities

As 21st century oral health practitioners, dental students, whether pursuing a career in clinical practice or academia, must be fully cognizant of how oral health functions in a global community. The school provides many opportunities for students to engage with peoples and cultures in other countries, including yearly service and academic projects in Brazil, China, India, Malawi, Moldova, Mexico, Nepal, Nicaragua, Philippines, and Uganda. In addition, the school maintains exchange agreements with Ajman University at UAE, Moldova's Nicolae Testemitanu State University of Medicine and Pharmacy, National University of Singapore, Qingdao Dental Hospital and Peking University in China, University of São Paulo and Federal University of Minas Gerais in Brazil, Yenepoya University and JSS University in India, Makerere University in Uganda, and King's College London in England. Students who take part in global service and outreach learn how dentistry and health care services are administered in other nations as well as the health care needs of their populations and possible sustainable projects for the hosting communities. This global and cultural experience enlightens their worldview and broadens their understanding of health care systems locally and globally.

## Research Experience

The University of North Carolina at Chapel Hill is the nation's first public university and ranks among the world's leading research universities, whereby UNC and the Adams School of Dentistry are nationally recognized. UNC's Adams School of Dentistry has a diverse portfolio of research activities in the basic, applied, and clinical sciences, as well as in the areas of health services, health policy and health education. Discoveries in these areas not only offer the potential to improve oral health but also overall health. The general atmosphere of the Adams School of Dentistry specifically and UNC in general provide a very stimulating place to conduct research in a collaborative institutional environment.

The student research experience is intended to support D.D.S. students who are committed to obtaining a concentrated research experience while attending dental school. The overall goal of this experience is to allow students a connection with clinical, translational, or laboratory research. Activities under the supervision of a faculty mentor may include developing research protocols, participating in actual laboratory or clinical research studies, conducting critical reviews of the literature, writing manuscripts, and interacting with speakers and other attendees at research seminars. The Office of Discovery and Innovation in collaboration with the Office of Academic Affairs assists students in identifying potential mentors for this experience.

The student research program also supports and encourages participation in student research leadership positions at the local and national levels. In addition to the Office of Discovery and Innovation and the Office of Academic Affairs, there are several student-run programs within the school that foster these types of activities including but not limited to ADEA and AADR Student Research Group (SRG).

## Information Relevant to the UNC Adams School of Dentistry Experience

### Immunization Requirements

The State of North Carolina immunization requirements and the UNC Adams School of Dentistry immunization requirements for dental hygiene and doctor of dental surgery students are listed below. Documentation of all is required with application.

#### State Requirements

- Three DTP (diphtheria, tetanus, pertussis), Td (tetanus, diphtheria), or Tdap (tetanus, diphtheria, pertussis) doses. (This fulfills the primary series requirement.)
  - One Tdap booster after completion of the primary series that did not include a Tdap, and then a Td vaccine every 10 years thereafter.
- Three polio (unless greater than 18 years of age).
- Two measles (rubeola), two mumps, one rubella (two MMR doses meet this requirement) or positive titers.
- COVID-19 vaccination series, including prior boosters, or intent to request a medical or religious exemption.
- Hepatitis B series (not required for individuals born before July 1, 1994). **See school requirements below.**

#### UNC Adams School of Dentistry Requirements

- Varicella vaccination series (two shots) or a positive titer.
- Hepatitis B vaccination series (three shots) and a positive hepatitis B antibody (HBsAb) quantitative titer. (Please make sure your physician does not order a qualitative titer.) Ideally, a titer is recommended one

to two months after completion of the series for proof of immunity to hepatitis B but can be checked at a later date.

- Two-step tuberculosis skin test (TST) or a TB blood test (IGRA). DDS and DH students report to Campus Health and follow the testing procedures required. Advanced Dental Education students report to Employee Health and follow the testing procedures required.

The matriculating student is required to submit an official certificate of immunizations that is signed by an authorized healthcare provider. Immunization documentation is to be submitted to both UNC Campus Health Services (CHS) and to the UNC Adams School of Dentistry through eMedley and Connect Carolina by a published and specified date. CHS will notify students who are not in compliance with the state immunization requirements noted above. Individuals who have not met the state immunization requirements after 30 calendar days from the first date of attendance will be administratively withdrawn from the University by the University Registrar. See the UNC Campus Health website (<http://campushealth.unc.edu/services/immunizations/health-science-students-immunizations/>).

Students with deficiencies in the additional immunization requirements of the school will be notified of the deficiencies by the UNC school's director of clinical compliance. The school will work with students to meet these additional requirements. The failure to comply with the school's requirements after consultation with the director of clinical compliance and the agreed-upon resolution schedule will result in administrative withdrawal from the school.

### Additional Requirements

Annually:

- Influenza vaccine not earlier than September 1.
- Tuberculosis screening.
- Verification of health insurance. UNC–Chapel Hill requires all eligible students to have health insurance (see the UNC Campus Health Student Health Insurance website (<http://campushealth.unc.edu/charges-insurance/mandatory-student-health-insurance/>)). Students are required to waive with existing creditable insurance each semester or they will automatically be enrolled in the UNC System Student Health Insurance Plan, which is administered by Student Blue/BCBS of NC. To waive or enroll/renew, visit the Student Blue website (<http://www.bcbsnc.com/unc/>).

Biennially:

- American Heart Association certified CPR for Healthcare Providers training. Documentation of current certification is required of the matriculating student and is to be submitted through eKeeper. (Note that the school requires in-person CPR skills assessment.)

**Infection Control:** One of the consequences of the delivery of health care is the possibility of contracting an infectious disease such as tuberculosis, hepatitis, HIV, or herpes. To minimize this risk, the school has adopted an Infection Control Policy that requires the wearing of a clinical overgarment, disposable gloves, a mask, and protective eye covering when oral examinations and dental procedures are being performed. **NOTE:** COVID-19 has adjusted these requirements and additional Personal Protective Equipment (PPE) may be required.

### Infectious Disease Status

Students engaged in patient care activities are required to know their tuberculosis and hepatitis B (HBV) status, and are encouraged to learn their hepatitis C (HCV) and HIV status. State regulations require



health care workers, including students, who perform surgical or dental procedures or who assist in such procedures in a way that may result in an exposure of patients to their blood, and who know themselves to be infected with HIV or HBV, to report their status to the state health director. See UNC's policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131793>).

## Late Registration

University regulations require students who do not register before the first day of classes in any semester or summer session to pay an additional fee of \$20 for delayed registration. Any student who believes that she/he can show sufficient justification for the delay may petition for a refund by completing a form, which can be found online (<https://registrar.unc.edu/guide/registration-policies/late-fee-refund-petition/>), and outlining the reason for delay. This form must bear the approval of the dean of the UNC Adams School of Dentistry.

## Awarding of Degrees and Certificates

To be awarded a degree or certificate, students must satisfactorily complete all requirements of their respective program.

## Class and Clinic Attendance

Regular class and clinic attendance is a student obligation. No right or privilege exists that permits a student to be absent from any given number of sessions.

## Patient Care Responsibilities

Students are granted the privilege of participating in the patient care system of the UNC Adams School of Dentistry and are expected to provide care consistent with our person-centered philosophy. Patients are a central part of the health care team and are involved in the planning of their care. It is the responsibility of the dental student to provide patients with the information needed so they make informed decisions about their treatment. The dental student has the responsibility to provide high-quality, evidence-based care to all their assigned patients in a timely manner and to uphold the ethical responsibilities as outlined in the school's Code of Professional Conduct and its Technical Standards.

Current academic policies and procedures can be found online (<https://policies.unc.edu/TDClient/2833/Portal/KB/?CategoryID=21536>). However, policies are subject to change at any time. These policies govern the UNC Adams School of Dentistry educational programs and advise students, faculty, and staff of procedures related to the respective programs.

## Department Programs

### Professional Program

- Doctor of Dental Surgery, D.D.S. (p. 1059)

### Major

- Dental Hygiene Major, B.S. (p. 1065)

### Graduate Programs

- M.S. in Dental Hygiene Education (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Endodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Operative Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

- M.S. and Ph.D. in Oral and Craniofacial Biomedicine (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Pathology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Radiology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Orthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Pediatric Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Periodontology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Prosthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

## Contact Information

### UNC Adams School of Dentistry

Visit Program Website (<http://www.dentistry.unc.edu>)

385 South Columbia St., CB# 7450, Chapel Hill, NC 27599-7450

Academic Affairs: (919) 918-1258

### Dean

Dr. Janet Guthmiller  
janet\_guthmiller@unc.edu

### Dean

Dr. Janet Guthmiller  
janet\_guthmiller@unc.edu

## Dental Hygiene Major, B.S.

The dental hygienist is an educator and motivator as well as a health care provider. As a practicing member of the dental health team, the hygienist is primarily concerned with the maintenance of oral health and the prevention of dental disease. Additionally, dental hygienists may assume professional leadership roles; participate in the development, implementation, and evaluation of community health programs; engage in research activities; or serve as consultants and assume managerial roles in certain types of dental care delivery systems.

Students are subject to the academic requirements in place when they are admitted to the dental hygiene program; consequently, the requirements described in this catalog particularly apply to students admitted to the school during the 2023–2024 academic year.

All course descriptions can be found in ConnectCarolina.

## Admission to the Program

Applicants may be admitted for dental hygiene study after completion of the dental hygiene prerequisites, provided they meet the requirements of the University. To assure proper planning for admission, applicants should maintain close contact with the program during the application process.

Enrollment is limited, and applicants are accepted on a competitive basis. Admission to the University does not guarantee admission into the dental hygiene program. Selections are based on academic achievement with an emphasis on performance in science courses, character, knowledge of working with the dental team, and a sincere interest in dental hygiene as a professional career. For UNC–Chapel Hill students, application

for admission to the program is usually made during the second year of General College study. Interested students should submit an online application, which can be accessed from ConnectCarolina.

For transfer applicants, all prerequisite dental hygiene coursework and General College courses taken at other institutions must be approved for transfer in advance by the Office of Undergraduate Admissions. Official transcripts from all schools attended (including high school) must be submitted.

Three letters of recommendation must be submitted with the application. Two of the letters should be from college course instructors and one letter should be a character reference. In addition, applicants must shadow in a dental office for a minimum of 20 hours. This requirement may be fulfilled through prior dental assisting experience.

Prior to being admitted and enrolled, all applicants will be required to present evidence of satisfactory completion of prerequisite courses required by the major. Applicants with a previous degree should contact the Office of Undergraduate Admissions to determine fulfillment of General College requirements. For questions about specific admission requirements on the undergraduate and graduate programs in dental hygiene, please visit our website (<https://dentistry.unc.edu/education/dh/>) or call our office at (919) 537-3474.

## Student Learning Outcomes

Upon completion of the dental hygiene program, students should be able to:

- Possess the skills and knowledge needed to provide optimal dental hygiene patient care while valuing and adhering to the ethical beliefs as stated by the American Dental Hygienists' Association Code of Ethics
- Promote the values of optimal oral health as related to general health and overall wellness to all patients
- Embrace an interdisciplinary role within the health care system and assess, plan, implement, and evaluate oral health care programs and activities for diverse population groups while facilitating access to care and services
- Assess, plan, implement, and evaluate treatment in the promotion of oral and systemic health using an evidence-based approach
- Value the dental hygiene profession through career growth and development and commitment to lifelong learning

## Requirements

All baccalaureate-seeking dental hygiene students must complete all First-Year Foundation requirements, all Reflection & Integration requirements, and must complete at least six Focus Capacity requirements as part of the IDEAs in Action General Education curriculum. Although not required, STOR 151 is recommended to fulfill the FC-QUANT requirement. Other specific requirements include the following courses:

Code	Title	Hours
BIOC 107 or CHEM 101 & 101L	Introduction to Biochemistry <sup>1</sup> General Descriptive Chemistry I and Quantitative Chemistry Laboratory I	4
BIOC 108 or CHEM 102 & 102L	Introduction to Biochemistry General Descriptive Chemistry II and Quantitative Chemistry Laboratory II	4

Select one of the following options: 3-5

BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>H</sup>	
EXSS 276	Human Physiology	
Select one of the following COMM courses:		3
COMM 100	Communication and Social Process	
COMM 113	Public Speaking <sup>2</sup>	
COMM 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	
MCRO 251	Introductory Medical Microbiology	4
PSYC 101	General Psychology <sup>F</sup>	3
Select one of the following SOCI courses:		3
SOCI 100	Sociological Perspective Through Documentary Film <sup>F</sup>	
SOCI 101	Sociological Perspectives <sup>H</sup>	
SOCI 111	Human Societies	

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> CHEM 101/CHEM 101L satisfies FC-NATSCI requirement.

<sup>2</sup> COMM 113 satisfies the Communication Beyond Carolina requirement.

## Dental Hygiene Professional School Program

### First Year



Fall Semester	Hours
DHYG 236 Infection Control	2
DHYG 237 Medical Emergencies in the Dental Office	2
DHYG 252 Dental Radiology	3
DHYG 253 Dental Embryology, Histology, and Anatomy	3
DHYG 257 Introduction to Dental Hygiene	2
DHYG 257L Preclinical Dental Hygiene	3

**Hours 15**

### Spring Semester

DHYG 241 Nutrition	2
DHYG 261 Dental Pharmacology	2
DHYG 263 Periodontology	2
DHYG 264 Histology	1
DHYG 265 Dental Materials	3
DHYG 267 Dental Hygiene Theory I	3
DHYG 267L Dental Hygiene Clinic I	3
DHYG 269 Ethics and Professionalism	1
DHYG 414 Radiographic Interpretation	1

**Summer Session:**<sup>1</sup>

DHYG 357	Dental Hygiene Theory II <sup>1</sup>	2
DHYG 357L	Dental Hygiene Clinic II <sup>1</sup>	2
DHYG 495	 Research Methodology <sup>1</sup>	2
<b>Hours</b>		<b>24</b>
<b>Second Year</b>		
<b>Fall Semester</b>		
DHYG 351	General and Oral Pathology	2
DHYG 352	Community Dental Health	3
DHYG 367	Dental Hygiene Theory III	3
DHYG 367L	Dental Hygiene Clinic III	4
DHYG 401	Oral Microbiology	2
Dental Hygiene Electives Chosen from:		1-3
DHYG 405	D/PUB HLTH ORG-ADM	
DHYG 424	Educational Foundations and Theory	
DHYG 691H	Dental Hygiene Honors I	
<b>Hours</b>		<b>15-17</b>
<b>Spring Semester</b>		
DHYG 362	 Community Dental Health Internship	2
DHYG 363	Dental Ethics and Jurisprudence	1
DHYG 377	Dental Hygiene Theory IV	3
DHYG 377L	Dental Hygiene Clinic IV	4
Dental Hygiene Electives Chosen from:		1-3
DHYG 421	INTRO TO CLIN TEACH	
DHYG 423	Community-Based Dental Hygiene Service Learning	
DHYG 692H	Dental Hygiene Honors II	
<b>Hours</b>		<b>11-13</b>
<b>Total Hours</b>		<b>65-69</b>

<sup>1</sup> DHYG 357, DHYG 357L, and DHYG 495 will be taken in the summer semester between the first year and second year.

In addition to the program requirements listed above, students must attain a final cumulative GPA of at least 2.0. For more information, please consult the degree requirements section of the catalog, (p. 1241) and the Dental Hygiene Programs Academic Policy.

### Additional Information for the Dental Hygiene Programs

Upon provisional acceptance into the dental hygiene program, all students must provide an acceptable criminal background check and provide documentation of required immunizations. See "Immunization Requirements" details in the Compliance (p. 1068) section.

One of the consequences of the delivery of health care is the possibility of contracting infectious disease such as tuberculosis, hepatitis, herpes, or HIV. To minimize this risk, the UNC Adams School of Dentistry has adopted an Infection Control Policy that requires the wearing of a clinical overgarment, disposable gloves, a mask, shield, protective cap and protective safety eye covering when oral examinations and dental hygiene services are being performed.

Dental school charges are required that include instrument rental and other supplies needed for clinical care and the education of patients. Additional costs may occur for projects required in the curriculum.

## Professor

Jennifer Brame.

## Clinical Associate Professors

Jennifer Harmon, Shannon Mitchell, Lattice Sams.

## Clinical Assistant Professors

Roxanne Dsouza-Norwood, Sarah Liebkemann, Tiffanie White, Natasha Wiltshire.

## Clinic Adjuncts

Jasmin Balcazar-Romero, Hannah Baldwin, Min Gim.

## Program Directors

Lattice Sams, Undergraduate Program Director  
Jennifer Brame, Graduate Program Director

## Special Opportunities in Dental Hygiene Departmental Involvement

Students are eligible to become members of the American Dental Hygienists' Association, American Dental Education Association, American Association of Dental Research, American Association of Public Health Dentistry, and other specialty organizations. Student membership fees may be required.

## Experiential Education or High-Impact Experience

Students have the opportunity to participate in community-based clinical experiences as well as providing oral hygiene programs in the community. Service-learning opportunities are possible as an elective. Each semester, students will be involved with hands-on experiences providing dental hygiene services. Due to the location of community sites, undergraduate students may need access to transportation. Expenses for travel are the responsibility of the student.

## Licensure

Baccalaureate degree graduates are eligible for dental hygiene licensure examinations at the state and national levels. Candidates must pass both the national and clinical board examinations in order to be granted a license to practice dental hygiene. Additional costs are associated with the examinations required for licensure. Some dental hygiene licensure examinations require background checks with fingerprint analysis.

## Accreditation

The dental hygiene program's accreditation status is approval without reporting requirements as determined by the Commission on Dental Accreditation.

## Undergraduate Awards

Dental hygiene students are eligible for awards through the Spurgeon Dental Society in the UNC Adams School of Dentistry and the Dental Foundation of North Carolina. In addition, student awards are also available through the American Dental Hygienists' Association, American Association of Public Health Dentistry, American Dental Education Association, and other specialty organizations.

## Undergraduate Research

Research opportunities are available at the undergraduate level for dental hygiene students. Students are encouraged to become involved

in research activities pertaining to dental hygiene and dentistry. Student research grants are available through the University, professional organizations, and private industry.

## Graduate School and Career Opportunities

Upon satisfactory completion of the baccalaureate program, students are eligible for application to graduate programs in dental hygiene education, public health, and other areas. The UNC Adams School of Dentistry offers a master of science (M.S.) graduate degree program in dental hygiene education to which graduates of the dental hygiene program may apply. Graduates also are eligible to apply for admission to the school's predoctoral dental curriculum provided they successfully complete the required program prerequisites.

The growth of the dental health care field assures an excellent employment outlook for the coming years. Courses of study provide comprehensive educational experience to qualified individuals for the practice of dental hygiene in accordance with the current and changing demands for health services and in accordance with the laws and ethics pertaining to practice.

## Information Relevant to the UNC Adams School of Dentistry Experience

### Immunization Requirements

The State of North Carolina immunization requirements and the UNC Adams School of Dentistry immunization requirements for dental hygiene and doctor of dental surgery students are listed below. Documentation of all is required with application.

#### State Requirements

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Annually:

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- Tuberculosis screening.
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Current academic policies and procedures can be found online. (<https://policies.unc.edu/TDClient/2833/Portal/KB/?CategoryID=21536>) However, policies are subject to change at any time. The manual provides guidelines for governing the School of Dentistry educational programs and advises students, faculty, and staff of academic policies and procedures related to the respective programs.

## Department Programs

### Professional Program

- Doctor of Dental Surgery, D.D.S. (p. 1059)

### Major

- Dental Hygiene Major, B.S. (p. 1065)

### Graduate Programs

- M.S. in Dental Hygiene Education (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Endodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Operative Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. and Ph.D. in Oral and Craniofacial Biomedicine (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Pathology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Oral and Maxillofacial Radiology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Orthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

- M.S. in Pediatric Dentistry (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Periodontology (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)
- M.S. in Prosthodontics (<http://catalog.unc.edu/graduate/schools-departments/dentistry/#programstext>)

## Contact Information

### UNC Adams School of Dentistry

Visit Program Website (<http://www.dentistry.unc.edu>)

385 South Columbia St., CB# 7450, Chapel Hill, NC 27599-7450

Academic Affairs: (919) 918-1258

### Student Services Manager: (919) 537-3474

Mai Xe Vang

[dentalhygiene@dentistry.unc.edu](mailto:dentalhygiene@dentistry.unc.edu)

### Undergraduate Director of Dental Hygiene

Lattice Sams

[Lattice\\_Sams@unc.edu](mailto:Lattice_Sams@unc.edu)

### Dean

Dr. Janet Guthmiller

[janet\\_guthmiller@unc.edu](mailto:janet_guthmiller@unc.edu)

## School of Education

### Introduction

The School of Education is committed to the preparation of candidates who can assume leadership roles in the field of education. Such preparation is accomplished through the coherent integration of the abilities and predispositions of candidates, the knowledge and abilities of faculty members, and the contextual elements of academic and field settings. The growth and development of candidates is promoted through curriculum, instruction, research, field experiences, clinical practice, assessments, evaluations, and interactions with faculty members and peers. All of these elements work together to build a solid foundation for exemplary practices in education.

### Programs of Study

Students are subject to the requirements in place when they are admitted to the School of Education; consequently, the requirements for approved programs described in this catalog particularly apply to students admitted to the school during the 2023–2024 academic year.

### Advising

To best facilitate completion of all degree requirements students are strongly encouraged to meet with an academic advisor every semester.

The School of Education's director of advising, Sarah Rowe, meets with students who are interested in or admitted to any of the School of Education's undergraduate programs. Students interested in making an advising appointment can contact Mrs. Rowe ([sarahrowe@unc.edu](mailto:sarahrowe@unc.edu)). Based on a student's academic program, he or she may also need to continue to meet with an advisor in the College of Arts and Sciences.

## Admission to the School of Education Human Development and Family Studies

Admission to the human development and family studies major (p. 1085) is required and offered every semester. Admission is based on, but

not limited to, a 2.5 grade point average, good academic standing, expressed interest in the helping professions, and space available. For more information, please visit the School of Education website (<https://ed.unc.edu/academics/programs/human-development-and-family-science/>).

## Human and Organizational Leadership Development

Admission to the human and organizational leadership development major (<https://catalog.unc.edu/undergraduate/programs-study/human-org-leadership-ba/>) is required and offered every semester. Admission is based on, but not limited to, a 2.5 grade point average, good academic standing, expressed interest in the field, and space available. For more information, please visit the School of Education website (<https://ed.unc.edu/academics/programs/human-organizational-leadership-and-development/>).

## Education Minor

The undergraduate minor in education is appropriate for undergraduate students interested in furthering their knowledge of education as a means of career development or to enhance their understanding of current schooling, community, and policy directions.

To declare a minor in education, you must see an advisor within the School of Education or the College of Arts & Sciences. During the declaration appointment, your advisor will review with you the requirements for the minor. If it is feasible for you to complete the minor within the eight-semester limit, you and your advisor will complete a declaration form to get you declared.

For more information, please visit the School of Education website (<http://soe.unc.edu/academics/education-minor/>).

## UNC Baccalaureate Education in Science and Teaching (UNC-BEST)

UNC-BEST is a collaboration between the School of Education and the College of Arts and Sciences (<http://college.unc.edu/>). This innovative program offers undergraduate science and mathematics majors the opportunity to complete requirements for a bachelor of arts or bachelor of science and obtain licensure as a secondary science or mathematics teacher in North Carolina in four years. Students will be prepared for N.C. licensure in either mathematics (9–12) or comprehensive science (9–12).

### UNC-BEST Admissions Requirements

- Math or science (biology, chemistry, geological sciences, environmental studies/science and physics) major
- Minimum 2.7 GPA
- SAT or ACT score requirements\*  
*SAT: Math–550, Reading–550, 1100 Combined*  
*ACT: Math 24, English–24, 24 Composite*
- Completion of online application

\*Applicants who do not meet the minimum SAT and ACT score requirements can take the Praxis Core Academic Skills for Educators: Score–468 Composite; Reading–156/Writing–162; Math–150

## K–12 Music Education

K–12 Music Education is a collaboration between the School of Education and the Department of Music. This program offers undergraduate bachelor of music (B.M.) students the opportunity to complete requirements for a bachelor of music and obtain licensure as

a K–12 music teacher in North Carolina in four years. Students will be prepared for N.C. licensure in teaching music at the K–12 grade level.

## Music Education Admissions Requirements

- Music major
- Minimum 2.7 GPA
- SAT or ACT score requirements\*  
*SAT: Math–550, Reading–550, 1100 Combined*  
*ACT: Math–24, English–24, 24 Composite*
- Online application which includes:
  - Personal statement (500–750 words describing your interest in teaching, pertinent background experiences, and relevant aspirations)

\*Applicants who do not meet the minimum SAT and ACT score requirements can take the Praxis Core Academic Skills for Educators: Score–468 Composite; Reading–156/Writing–162; Math–150

## Pre-M.A.T. (Early Affiliation to the Master of Arts in Teaching)

The Pre-M.A.T. is an opportunity for UNC–Chapel Hill undergraduates to engage with select M.A.T. coursework, faculty, and staff in order to pre-plan their intended entry into the Master of Arts in Teaching (M.A.T.) upon graduation. While joining the Pre-M.A.T. is not a requirement to be considered for admission to the M.A.T., there are many benefits of joining, which include:

- M.A.T. prerequisite advising/course planning with a School of Education advisor
- Access to select M.A.T. courses as an undergraduate, which may reduce M.A.T. tuition costs, if the student is admitted
- Opportunity to get to know M.A.T. faculty and current students
- Undergraduate student engagement opportunities related to teaching and learning

Students interested in more information or applying to become a Pre-M.A.T. "early affiliate" can email the School of Education's director of advising and undergraduate student engagement, Sarah Rowe ([sarahrowe@unc.edu](mailto:sarahrowe@unc.edu)).

### Major

- Human Development and Family Science Major, B.A.Ed. (p. 1085)
- Human and Organizational Leadership Development Major, B.A. (p. 1089)

### Minor

- Education Minor (p. 1091)

## Establishing Licensure

At UNC, two undergraduate pathways for coursework prepare students for N.C. teacher licensure: UNC-BEST and K–12 Music Education. While the School of Education does not offer an undergraduate major that leads to N.C. teacher licensure, UNC students have the opportunity to engage with select master of arts in teaching (M.A.T.) coursework in order to pre-plan their intended entry into the M.A.T. upon graduation. Information on the Pre-M.A.T. can be found here (<https://ed.unc.edu/academics/programs/pre-master-of-arts-in-teaching/>) or by contacting the School of Education's director of advising and undergraduate student engagement, Sarah Rowe ([sarahrowe@unc.edu](mailto:sarahrowe@unc.edu)).

North Carolina licensure requirements are distinct from the School of Education's degree requirements. Applications for North Carolina licensure must be submitted through the N.C. Department of Public Instruction's online licensure system by the graduate seeking licensure. Forms are no longer submitted by the UNC School of Education licensure officer. The UNC School of Education licensure officer reviews and either approves or denies all licensure applications routed to UNC through the N.C. Department of Public Instruction online licensure system. More information about applying for N.C. licensure is available on the School of Education website (<https://ed.unc.edu/academics/licensure/>).

The programs described in this catalog are approved by the N.C. Department of Public Instruction, the State Board of Education, and the Council for the Accreditation of Educator Preparation.





## UNC Baccalaureate Education in Science and Teaching (UNC–BEST)

UNC–BEST is a collaboration between the School of Education and the College of Arts and Sciences (<http://college.unc.edu/>). This innovative program offers undergraduate science and mathematics majors the opportunity to complete requirements for a bachelor of arts or bachelor of science and obtain licensure as a secondary science or mathematics teacher in North Carolina. Students will be prepared for N.C. licensure in either mathematics (9–12) or comprehensive science (9–12).

UNC–BEST students are enrolled in their respective major in the College of Arts and Sciences and, once accepted into the UNC–BEST program, complete the requirements to earn North Carolina teaching licensure.

To be recommended for N.C. licensure, UNC–BEST students should consult with their program coordinator, Dr. Cheryl Bolick, regarding edTPA and Praxis testing appropriate to their content area. More information about the testing requirements is available on the School of Education testing website ([http://soe.unc.edu/services/student\\_affairs/testing.php](http://soe.unc.edu/services/student_affairs/testing.php)).

### Program Requirements

Code	Title	Hours
EDUC 760	Methods and Materials for Teaching Secondary/K-12 Subjects I <sup>1</sup>	3
or MATH 410	 Teaching and Learning Mathematics	
EDUC 689	Foundations of Special Education	3
EDUC 532	 Human Development and Learning	3
or EDUC 501	 Adolescent and Adulthood Development: A Cross-Cultural	
EDUC 615	Schools and Community Collaboration	3
EDUC 593	 Internship/Student Teaching (UNC–BEST Teaching Internship)	12
EDUC 601	Education Workshops	1
<b>Total Hours</b>		<b>25</b>

<sup>1</sup> Fall only course



## K–12 Music Education

K–12 music education is a collaboration between the School of Education and the Department of Music. This program offers undergraduate bachelor of music (B.M.) students the opportunity to

complete requirements for a bachelor of music and obtain licensure as a K–12 music teacher in North Carolina in four years. Students will be prepared for N.C. licensure in teaching music at the K–12 grade level.

To be recommended for N.C. licensure, K–12 music education students must complete Praxis testing appropriate to their content area. More information about the testing requirements is available on the School of Education testing website (<https://ed.unc.edu/academics/licensure/testing-required-for-nc-licensure/>).

### Program Requirements

Code	Title	Hours
<b>Education Courses</b>		
EDUC 689	Foundations of Special Education	3
EDUC 532	 Human Development and Learning	3
EDUC 615	Schools and Community Collaboration	3
EDUC 593	 Internship/Student Teaching (Music Education)	12
EDUC 601	Education Workshops (must be completed in Fall & Spring of last year, 1 credit hour each)	2
<b>Music Courses</b>		
MUSC 168	Basic Conducting	3
MUSC 226	Woodwinds, Brass, Percussion, and Strings Techniques	3
MUSC 227	Keyboard, Vocal, and Elementary Music Techniques	3
MUSC 228	Principles of Teaching Music	3
MUSC 309	Advanced Lessons in Conducting	3
<b>Total Hours</b>		<b>38</b>

## Professors

Fouad Abd-El-Khalick, Harriet Able, Brian Boyd, Kathleen Brown, Gregory Cizek, Lora Cohen-Vogel, Thurston (Thad) Domina, Dorothy L. Espelage, Jeff Greene, Jill Hamm, Sherick Hughes, Xue Lan Rong, Troy D. Sadler, Keith Sawyer, Matthew Springer.

## Associate Professors

Janice Anderson, Matthew Bernacki, Cheryl Mason Bolick, Dionne Cross Francis, Nianbo Dong, Jocelyn Glazier, Dana Griffin, Peter Halpin, Eric Houck, Kara Hume, Ethan Hutt, Daniel Klasik, Steve Knotek, Roger Mills-Koonce, Kihyun “Kelly” Ryoo, James Trier.

## Assistant Professors

Kathryn Leech, Constance A. Lindsay, Marisa Marraccini, Robert Martinez Jr., Lauren Sartain.

## Professor of the Practice

Buck Goldstein.

## Research Professors

Donald Bailey, Sharon Derry, Samuel Odom Jr., Ellen Peisner-Feinberg, Alistair Van Moere.

## Research Associate Professors

Jacqueline McLaughlin, Desiree Murray.

## Clinical Associate Professors

Jennifer Diliberto-Fender, Sandra Evarrs, Helyne Frederick, Diana Lys.

## Clinical Assistant Professors

Todd Cherner, Jemilia Davis, Emily Halpin, Lewis Hatcher, Martinette Horner, Kristin Papoi, Dana Riger, Yuliana Rodriguez-Vongsavanh, Christopher Scott.

## Adjunct Professors

Todd Boyette, WJ Fitzgerald, Stephen Hooper, Malbert Smith.

## Adjunct Associate Professors

Amy Johnson, Laura Klingler, Rebekah Layton, Catherine Scott, Meghan Walter.

## Adjunct Assistant Professors


Elizabeth Allen Green, Abby Ampuja, Jessica Amsbary, Juliann Anderson, Gina Arnone, Alyson Baumgartner, Sarah Bausell, Mary Bratch-Hines, Timothy Conder, Theresa Coogan, Dana Copeland, Adina Davidson, Peter Duquette, Lori Edmonds, Rochelle Evans, Christine Fierro, Kayla Fike, Moya Foster, Daniel Gibboney, Brian Gibbs, Meg Goodhand, Gordon Grant, Crystal Harden, Shauna Harris, Robin Horton, Carolyn Jefferson-Jenkins, Carol Jordan, Ariana Kanwit, Francemise Kingsberry, Chih-Ing Lim, Robert Lucas, Amber Majors, Kate Murray, Kyle Nickodem, Nathalie Powell, Darlene Ryan, Ann Sam, Beverly Schieman, Alisha Schiltz, Melissa Senior, Kenyann Stanford, Alexander Tabori, Miranda Thomas, Megan Vin, Chaka Ward Hatcher, Jessica Wery, Paul Wolff, Jonathan Wright, Nicole Young.

## Adjunct Instructors

Mary Carmen Bartolini, Scott Benson, Brenda Berg, Stafanie Bordeaux, Kayela Buffalo, Luke Carman, Victoria Chavis, Jose Cisneros, Lucas Fayard, Carmen Gonzalez, Sydney Howell, Ricardo Hurtado, Darci Jones, Mayra Morales, Ryan Nilsen, Ion Outterbridge, Berengere Phillips, Elizabeth Shaver, Marcela Torres-Cervantes, Elaine Utin.

## EDUC–Education

### Undergraduate-level

 **EDUC 65. First-Year Seminar: School Daze: What's School Got to do with Getting an Education?. 3 Credits.**

This seminar explores the concepts of schooling and education. Students will be challenged to reconsider their experiences and notions about pre-K through 12 schooling and to examine alternatives.

#### Rules & Requirements

 **IDEAs in Action Gen Ed: FY-SEMINAR.**

**Grading Status:** Letter grade.

 **EDUC 89. First-Year Seminar: Special Topics. 3 Credits.**

Course content will vary each semester.

#### Rules & Requirements

 **IDEAs in Action Gen Ed: FY-SEMINAR.**

**Grading Status:** Letter grade.

**EDUC 101. First Year Thriving. 2 Credits.**

The course will introduce students to the scholarship on transitions and potential paths for thriving at a liberal arts institution. Students apply research on learning science, emerging adulthood, cultural competence, and well-being to enhance their own experience. First year students only.

#### Rules & Requirements

**Grading Status:** Letter grade.

**EDUC 111. Career Exploration. 1 Credits.**

Career Exploration is a designed to expose first and second year students to career development theories, while providing a framework for exploring and discovering their interests and skills. Previously offered as EDUC 131. No seniors.

#### Rules & Requirements

**Grading Status:** Letter grade.

**EDUC 121. Tutoring in the Schools I. 2 Credits.**

Provides a basic introduction to teaching and education. This course consists of a seminar based with field placements in different levels of schools.

#### Rules & Requirements

**Grading Status:** Letter grade.

**EDUC 122. Tutoring in the Schools II. 1 Credits.**

Combines tutoring training with a field placement for tutoring in literacy and mathematics in grades kindergarten through three.

#### Rules & Requirements

**Grading Status:** Letter grade.

**EDUC 130. Navigating the Research University. 1 Credits.**

This course will provide students with knowledge to succeed at a research university. Students will consider what it means to have a liberal arts education and will learn about motivation, resiliency, and self-advocacy. Students will reflect on their current work toward academic success and their path to graduation.

#### Rules & Requirements

**Grading Status:** Letter grade.

**EDUC 140. Sources of Strength Leadership. 3 Credits.**

This course is characterized by three major components: 1.) training student leaders in basic principles of prevention science and strengths-based approaches; 2.) providing space, guidance, and support to facilitate the creation and execution of community campaigns to promote building and harnessing of protective factors; 3.) easing the transition to college by welcoming students into a supportive and small cohort, building relationships with faculty, and learning real-life applications of the psychological science of wellbeing.

#### Rules & Requirements

**Grading Status:** Letter grade.



**EDUC 149. Experiential Education and Civic Identity. 1 Credits.**

The course will introduce students to the history and contemporary scholarship of experiential education. It will explore high impact practices in higher education and the role that experiences such as Outward Bound expeditionary education courses can play in an undergraduate student's development and success in college and on the development of civic identity. 28-day Outward Bound course or similar expeditionary education experiences per instructor discretion.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**EDUC 150. The Science of Learning (Intensive). 1 Credits.**

This course is an abbreviated and intensive version of EDUC 330: The Science of Learning. It is designed to optimize the beliefs and techniques critical for thriving at a rigorous university. Students will be exposed to research, particularly from cognitive psychology and behavioral neuroscience, which identifies the most effective methods of learning. Participants will also be given opportunities to implement such methods. Students may not receive credit for both EDUC 150 and EDUC 330.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **EDUC 181. Introduction to Human Development and Family Science. 3 Credits.**

This course introduces students to Human Development & Family Science (HDFS) as an integrated and applied discipline. Students will explore major theories and research areas in HDFS and make practical connections to careers in the helping professions, such as teaching, social work, counseling, and therapies (speech/ language, occupational, physical, etc.).

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections), FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 190. Special Topics in Education. 1-3 Credits.**

This course provides students the opportunity for introductory exploration and discussion of selected topics in education.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 15 total credits. 5 total completions.

**Grading Status:** Letter grade.

**EDUC 211. Career Planning and Job Searching. 1 Credits.**

This course is designed for juniors and seniors who are preparing to embark on their post-Carolina job search. Students will learn how to develop the necessary tools and skills required to execute an effective job search, while understanding and applying theoretical concepts related to strengths, adaptability, and resilience in career development. Course previously offered as EDUC 132. No first year students.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 221. Tutoring in the Schools III. 1 Credits.**

Combines tutoring training with a field placement for tutoring in literacy and mathematics in grades four through eight.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 222. Tutoring in the Schools IV. 1 Credits.**

Focuses on the relationship among arts, creativity, and education.

**Rules & Requirements**


**Grading Status:** Letter grade.

**EDUC 230. Thriving After the First Year: Accessing High Impact Opportunities. 1 Credits.**

The course is designed primarily to help students identify and access meaningful HIPs aligned with their individual values, needs, and goals. Students will be guided to ask critical and reflexive questions that will help them describe and link their unique purpose at the university with their potential contributions to the world. The course includes substantive content on student belonging and student engagement. Not open to first-year students.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **EDUC 231. The Science of Well-Being. 3 Credits.**

Students will learn the science of well-being for emerging adulthood. The course will bridge contemporary literature on development, non-cognitive factors, positive psychology (e.g., hope, optimism) and more. Learn and invest in your well-being as a student at UNC-Chapel Hill and beyond. No First-year students.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**EDUC 250. Risk and Resiliency: Challenges and Opportunities in Education. 4 Credits.**

Explores factors that put children at risk for educational failure and interventions to increase resiliency. Service and learning experiences in educational and community agencies are integral to the course.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 257. Inquiry and Data Applications. 3 Credits.**

This course focuses on the organizational context within which leaders work, and the internal reform initiatives that leaders leverage for organizational improvement. Using analysis, discussion, and reflection, students will examine real issues confronting organizational leaders and the processes of inquiry that leaders use to address these issues. Students will study several foundational topics in social science research with application to organizational life.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 301. Junior Transfer Seminar - Thriving in Transition. 3 Credits.**

Course challenges students to think critically about educational issues as they transition to a research university. Through readings, videos and activities, students explore the value of higher education, the development of intelligence, and the role of habit and happiness in college success. Students also conduct and present original qualitative research.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, EE- Field Work.

**Grading Status:** Letter grade.

**EDUC 309. Foundations of Leadership. 3 Credits.**

A three-credit seminar on leadership styles, philosophies, and issues related to leadership. Each class will overlap these concepts (topical or theory/practice, service, and self-awareness.)

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FY-LAUNCH (only designated sections).

**Grading Status:** Letter grade.

**EDUC 311. Life-Career Design. 3 Credits.**

This course examines the contemporary research in career development (e.g. happiness, purpose, decision-making, values, experiential learning). The course guides students to use design thinking to apply the concepts to life action plans. Students will increase self-awareness and self-advocacy to maximize their potential and envision multiple pathways for further education and life-work balance. Sophomores, juniors, and seniors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 316. Advanced Leadership Development Seminar. 3 Credits.**

This is a three-credit course with a focus on delving deeper into issues relevant to leadership and education. This course is open to seniors, juniors, and sophomores with student organization experience and an interest in an advanced exploration of leadership.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 317. Dynamics of Effective Leadership. 1 Credits.**

The course is intended to provide an introduction to leadership theory, a forum for reflection upon personal strengths and contributions to leadership, and an opportunity to explore the nature of working in teams and groups.

**Rules & Requirements**

**Grading Status:** Pass/Fail.

**EDUC 318. Peer Leadership in the University Environment. 2 Credits.**

This course revolves around and centers on the Relational Leadership Model which defines leadership as the relational and ethical process of people together attempting to accomplish positive change.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**EDUC 320. Navigating Education in Borderlands. 3 Credits.**

This course provides students a preliminary introduction to qualitative research methods as a mechanism for critically examining the concept of borders and implications for students' own educational experiences. While immersed in a geographic borderlands space, students will explore the "border" as not just the physical border between Mexico and the US, but as Gloria Anzaldúa presents in her 1987 book *Borderlands/ La Frontera*, as a "psychic, social, and cultural terrain that we inhabit".

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-GLOBAL or FC-POWER, RESEARCH.

**Making Connections Gen Ed:** SS, EE- Mentored Research.

**Grading Status:** Letter grade.

**EDUC 325. Introduction to Counseling and Coaching. 3 Credits.**

This course provides students with an overview of the major counseling and group work theories, an introduction to individual and group work counseling techniques, the conditions that facilitate an effective working relationship with clients across the lifespan applying cultural awareness and sensitivity, the general stages in group and individual counseling processes, and professional ethics. The course also provides an overview of coaching as a method of helping families thrive. Course restricted to majors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** COMMBEYOND.

**Grading Status:** Letter grade.

**EDUC 330. The Science of Learning. 3 Credits.**

Students study several facets of learning in the modern world, and investigate what scholarship in cognitive psychology, educational psychology, and the learning sciences can do to help us maximize that learning.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 349. Adulting. 3 Credits.**

The course critically analyzes the contemporary and cultural application of emerging adulthood theory. Themes center on identity, competence, managing emotions, purpose, intimacy, civic engagement, and more. Practical learning and skills surrounding financial literacy are included. Students co-create core adulting skills through research and skill demonstrations. Sophomores, juniors, and seniors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 357. Organizational and Community Development. 3 Credits.**

In this course, we make organizations an object of study. Together, we will ask: Where do organizations come from? What accounts for their success and failure? And, most importantly, what can each of us do to make the organizations that we are part of better serve us all? Organizations include hospitals, nursing homes, schools, neighborhoods, clubs, and various workplaces.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 375. Identity and Sexuality. 3 Credits.**

This course will guide students in the examination of the vital role that sexuality, sexual identity, gender, race and class play in families, communities, and educational settings. These and other socio-cultural factors, which often intersect and are embedded in historic ways of constructing what it means to be "normal," fundamentally shape how individuals understand themselves, their place in the world, as well as others around them.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**EDUC 387. Peer Tutoring. 3 Credits.**

Peer Tutoring is an APPLES service-learning course that provides undergraduates the opportunity to serve fellow students through tutoring. Tutors must have an overall GPA of 3.0 or higher.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Pass/Fail.

**EDUC 390. Special Topics in Education. 3 Credits.**

This course provides students the opportunity for intensive exploration and discussion of selected topics in education.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level****EDUC 400. Autism in Our Communities: An Interdisciplinary Perspective. 3 Credits.**

Students have 30 hours of service-learning with individuals with autism at community partner sites. Class discussions introduce students to diverse topics related to autism spectrum disorder. This is an APPLES course.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**Same as:** SPSH 400.

**EDUC 401. Childhood Development: Prenatal Birth to Age 12. 3 Credits.**

This course examines the field of child development as it contributes to the teaching and learning of children in early childhood and elementary educational settings, ages prenatal to age 12.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**EDUC 402. Models of Early Childhood Service Delivery. 3 Credits.**

This seminar serves as an introduction to the field of child development and early childhood education and special education. Students learn about the primary professional disciplines and agencies serving young children and their families. Current policy, recommended practices, and research innovations are reviewed.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 403. Individuals, Families, and Communities in Diverse Contexts. 3 Credits.**

This course examines issues of diversity among and across families, in order to better prepare students for human service fields in a variety of settings such as clinics, schools, advocacy, and other organizations.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 404. Infant/Toddler Assessment and Intervention. 3 Credits.**

Restricted to majors. Permission of the instructor for nonmajors. Provides students with knowledge of program models and curricula/intervention strategies for working with infants and toddlers with and without disabilities. Information is provided regarding identification and assessment strategies for infants, toddlers, and two-year-olds. Program models for working with families are emphasized.

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 401.

**Grading Status:** Letter grade.

**EDUC 405. Parenting and Family Life Education. 3 Credits.**

This course is a lifespan approach to parent-child relationships and implications for enhancing the well-being of families. A major focus will be on research and theory regarding parenting during the different stages of the lifespan.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 408. Research Methods in Human Development. 3 Credits.**

An introductory examination of human development and family research methods designed to provide an understanding of scientific inquiry, methodology, measurement, test construction, scaling, and statistical terms and techniques.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 410. Families and Communities in Diverse Contexts for Youth. 3 Credits.**

This course is an exploration of the research and theory about programs that promote youth development and prevent youth problems in the diverse contexts where youth function (i.e., home, school, outside of school activities, sports, peer networks, etc.). Career options (e.g., social work, law enforcement, teaching, and community outreach work) will also be explored through sociocultural lenses.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 411. Making Liberal Arts "Work". 3 Credits.**

Learn how to translate the outcomes of a liberal arts education to the world of work. The course will engage students in connecting one's intellectual and practical learning, as well as individual and social responsibilities to contemporary career skills and life-career design. Critical reflection on concurrent and diverse internship experience is utilized to contextualize skills and further explicate career identity working in a knowledge and digital ecology. Permission of the instructor for students with fewer than 8 hours of weekly work.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING, HI-INTERN.

**Making Connections Gen Ed:** SS, EE- Field Work.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**EDUC 413. Language and Literacy Learning. 3 Credits.**

Permission of the instructor for nonmajors. This course covers the theoretical and developmental aspects of language and literacy processes and practices. The course will cover reading, writing, speaking, listening and viewing practices, birth to age 12.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 415. Schooling of Immigrant Children. 3 Credits.**

This course introduces students to immigration-related schooling issues in the United States and North Carolina. Students will use scholarly writings by both theorists and practitioners as well as narratives from immigrant students and their parents to study the impacts of migration on education as a transnational, transcultural, and translingual process. The course includes an overview of immigration-related education policies and practices; issues of assimilation, acculturation, and identity; and other relevant topics.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 416. Curriculum Integration: Science, Math, and Technology. 3 Credits.**

Permission of the instructor for nonmajors. The focus of this course is children's development in mathematical and scientific ways of knowing and the use of technology to support this development.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 421. Community Organizations and Children I. 1 Credits.**

Provides an understanding of the community contexts of schools and an experience working in community group. This is the first semester of two-semester course.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 422. Community Organizations and Children II. 1 Credits.**

Provides prospective teachers with an understanding of the community contexts of the schools. Second semester of a two-semester course.

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 421.

**Grading Status:** Letter grade.

**EDUC 441. Education in American Society. 3 Credits.**

A reflective examination of beliefs and attitudes associated with 1) the historical, philosophical, sociological, political, and economic forces affecting education and schooling in the United States; 2) the structure and function of the school system; and 3) current issues and trends in American schooling and education.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 461I. Exploring Social Determinants of Health Across Populations. 3 Credits.**

This seminar allows students to explore how social determinants of health affect the health of populations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Grading Status:** Letter grade.

**Same as:** NURS 461I.

**EDUC 464. Teaching Profession. 3 Credits.**

Introduction to teaching. Course covers foundations and philosophies of education, current issues, and trends in public schooling.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 465. Introduction to Teaching. 2 Credits.**

Offered concurrently with EDUC 466. Restricted to students admitted to the middle grades teacher education program. Initiates students into the teaching profession. The course stresses what it is like to be a teacher, with concurrent emphasis on the life of the student and the study of schools.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 466. Planning for Teaching in the Middle Grades. 3 Credits.**

Offered concurrently with EDUC 465. Restricted to students admitted to the middle grades teacher education program. Helps students learn how to plan and develop skills to meet the unique and diverse needs of young adolescents as they prepare to teach.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 469. Developing Skills for Teaching. 3 Credits.**

Helps students develop a variety of basic teaching skills used by classroom teachers. This course will be conducted primarily as a laboratory course.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, EDUC 465 and 466.

**Grading Status:** Letter grade.

**EDUC 470. Therapeutic Value of Play. 3 Credits.**

This course examines various theoretical models of play and development in clinical, health, and school settings. Students are taught basic skills to create therapeutic play environments and to respond to the intellectual, emotional, and social needs of children in schools, hospitals, and other therapeutic settings. HDFS majors or permission from the program coordinator.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 472. System Improvement and Implementation at Scale. 3 Credits.**

A collaborative, experiential, and data-driven course for understanding and facilitating organizational learning and change. Students will complete an "improvement research project" based on their own personal interests and/or in partnership with practitioners in an organizational setting. Students will direct their course of study around three core questions: What is the specific problem I am trying to solve? What change might I introduce and why? How will I know whether the change is actually an improvement?

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 257.

**Grading Status:** Letter grade.

**EDUC 475. Child and Family Health. 3 Credits.**

This course serves to integrate our core field of human development and family studies with other public health issues and professions to help improve understanding of factors impacting the health and well-being of children, youth, and families. The course blends human development theories, family systems theories, and health promotion theories to better understand the health experiences of individuals across the lifespan.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 480. Resource Management for Individuals and Families. 3 Credits.**

This course examines individual and family resource management. Students will develop skills related to importance of time management, financial planning and budgeting, consumer decision-making, and allocation of resources to the well-being of children, youth, and families. The course also examines issues related to grant writing, consumer economics, conflict resolution, poverty alleviation, work-family balance, and stress management.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 493. Practicum. 1-6 Credits.**

Permission of the instructor for nonmajors. Students gain familiarity with the operations and complexity of teaching. Students observe instruction, assist in teaching, learn about the curriculum and specific resources, interact with school personnel, work with students, and apply skills learned in previous courses. Prepares students for internship or student teaching.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**EDUC 496. Independent Study. 1-3 Credits.**

Permission of the instructor. Provides readings and research under the direction of a faculty member. May be repeated for a maximum of six credit hours.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**EDUC 501. Adolescent and Adulthood Development: A Cross-Cultural. 3 Credits.**

This course examines biological, cognitive, psychological, and social development in adolescence and adulthood. Students will examine these milestones in development as they vary by gender, race/ethnicity, sexual orientation, ability, socio-economic status, education, and other contextual/cross-cultural factors. The course includes an examination of how adolescents and adults function within families, social networks, schools, media, and work.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**EDUC 503. Leadership Seminar. 1-3 Credits.**

Course asks students to consider what it means to participate in schools as educational leaders. Students consider how to collaborate effectively with school colleagues, advocate for children and families, participate in the politics of schools and education, and examine what it means to be change agents in classrooms and schools.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 504. Learning in the Modern World. 3 Credits.**

Students learn about current educational emphases and controversies as well as what the research and scholarship in the fields of education and cognition can contribute to our understanding of these phenomena.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 505. Leadership in Educational/Nonprofit Settings. 3 Credits.**

Introduces students to a research-based, highly practical understanding of leadership frames/styles prominent in educational/nonprofit organizations. Emphasizes continued student engagement with various leadership models and principles.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 506. Politics, Policymaking, and America's Schools. 3 Credits.**

Through extensive case study and conversations with policy actors, students will learn the stages model of policy making and understand conflicting values that play out in policy decisions.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 507. Arts, Education, and Social Change. 3 Credits.**

An exploration of the function and history of art in educational and social change movements. In this course students use a critical approach to examine various forms of art and expression as they relate to education.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** VP.

**Grading Status:** Letter grade.

**EDUC 508. Equity, Leadership, and You. 3 Credits.**

This course was developed to confront and address questions of global cultural competence and self-critique. Culturally competent leaders work to understand their own biases and patterns of discrimination.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.

**Making Connections Gen Ed:** SS, GL.

**Grading Status:** Letter grade.

**EDUC 509. Helping Youth Thrive in K-12 Schools. 3 Credits.**

Learn strengths-oriented approaches in education practice, research, and policy. The course takes up contemporary literature on positive psychology, developmental assets, resiliency, cultural competence, school readiness, school engagement/ connectedness, and positive youth development.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 510. Latinx Experience in Education. 3 Credits.**

Course examines the social-historical, cultural, and political contexts that shape the educational experience of Mexican Americans/Chicanxs and the broader Latinx community. Using critical race theory, paying attention to issues of cultural identity and agency as we move across various geopolitical dimensions of contestation, resistance, and immigration, including the southwestern U.S. and new Latinx diaspora spaces - namely the US South. Including critically exploring PreK-12 schools, higher education, and social initiatives to address inequities in education.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**EDUC 512. Critical Examination of Racism and Education: African American Case Example. 3 Credits.**

This course examines previous and present eras in American education from a critical race perspective. Critiques will feature dominant or majoritarian narratives (widely adopted accounts often taught as part of an institution's curriculum) and counter narratives in regards to racism with the education of Blacks in America serving as a case example.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 513. Methods for Teaching in the Elementary School. 3-9 Credits.**

Permission of the instructor for nonmajors. This methods block is a field based, integrated collection of science, literacy, and math courses designed to prepare pre-service teachers for planning and implementing instruction in elementary schools.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics.

**Grading Status:** Letter grade.

**EDUC 515. The Arts as Integrative Teaching. 2 Credits.**

Restricted to students admitted to the elementary education program or the child development and family studies program. Explores integration of the arts in the curriculum.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 516. Introduction to the Education of Exceptional Learners. 3 Credits.**

Offers an overview of the special education field and its relevance to the classroom teacher. The course is based on an interdisciplinary perspective toward serving exceptional learners and collaboratively coordinating services. Course content emphasizes inclusive programming and the teacher's role in facilitating students' unique learning needs.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 517. Educational Partnership Through Program Evaluation. 3 Credits.**

A practical introduction to theory and methodology in program evaluation, emphasizing partnership with educational organizations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**EDUC 518. Exploring Public Pedagogies through Popular Culture. 3 Credits.**

The generally accepted broad understanding of the term "public pedagogy" is that it refers to "the learning and education happening outside of formal schooling systems." Public pedagogy as a growing field explores how "spaces of learning such as popular culture, the Internet, public spaces such as museums and parks, and other civic and commercial spaces, including both old and new social movements," are potential "sites of pedagogy containing possibilities for both reproduction and resistance."

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-AESTH.

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**EDUC 519. Senior Seminar. 3 Credits.**

Course is restricted to majors. Permission of the instructor for nonmajors. The senior seminar is inquiry based and directly connects student teachers with classroom practices. Throughout the semester student teachers develop and implement inquiry projects.

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 593.

**Grading Status:** Letter grade.

**EDUC 520. Early Language and Literacy Learning-Birth to Third Grade. 3 Credits.**

Course is restricted to majors. Permission of the instructor for nonmajors. Course focuses on the language, reading, and writing development of children birth through third grade. Promotes early literacy learning for all children with and without disabilities, including those at risk.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 521. Schools, Cultures, and Communities I: Youth. 3 Credits.**

Focus on youth in schools. This course considers the history and present lives of youth, primarily as teenagers/adolescents. It seeks recognition and understanding of the uniqueness of their lives.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 522. Schools, Cultures, and Communities II: Schools. 3 Credits.**

Course focuses on schools and educational issues as they relate to practices and policies. Fulfills central ideas of the minor in education in consideration of the history and present conditions of schooling in a democratic society.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 523. Teaching Early Mathematics-Birth to Third Grade. 3 Credits.**

Course is restricted to majors. Permission of the instructor for nonmajors. Students study the teaching and learning of mathematics for young children, birth to third grade. Emphasis is placed on content for math, as well as materials, techniques, and teaching aids.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 524. Learning on the Edge: Theories of Experiential Education. 3 Credits.**

This course examines experiential education in a variety of settings. Students will explore the role experiential education currently plays and suggest new roles in a chosen field of study.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**EDUC 526. Ethics and Education: From Global Problems to Classroom Dilemmas. 3 Credits.**

Among the topics examined are ethical implications of democratic schooling for a democratic society, educators as moral agents, and education as an institution with incumbent responsibilities. Students explore the explicit and implied ethics of education and schooling as they relate to policy makers, educators, and citizens concerned about social justice.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-VALUES.

**Making Connections Gen Ed:** PH, CI.

**Grading Status:** Letter grade.

**EDUC 527. Screen Education: Representations of Education in Popular Culture. 3 Credits.**

Explore and analyze how education has been represented in popular culture. "Education" refers to teachers, students, principals, other educators, and the everyday processes of schooling, and "popular culture" refers to school films (fictional films), school documentaries, television shows, music videos and song lyrics, animation, and other media forms.

**Rules & Requirements**

**Making Connections Gen Ed:** LA.

**Grading Status:** Letter grade.

**EDUC 528. Exceptionality Across the Life Span. 3 Credits.**

This course provides methods for supporting exceptional individuals across the age span. Resources for supporting families, including parenting skills, from birth through adulthood will be described.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Grading Status:** Letter grade.

**EDUC 529. Education in American Society. 3 Credits.**

Explore history of American schools to inform students' understandings of contemporary schools. Examine policies, issues, and controversies through a chronological examination of schools and society.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-PAST.

**Making Connections Gen Ed:** HS, CI.

**Grading Status:** Letter grade.

**EDUC 530. Free-Choice Learning in Informal Environments. 3 Credits.**

On average, Americans spend less than five percent of their lives in traditional classrooms and an ever-growing body of evidence supports the importance and quality of the knowledge gained outside of school. Parks, museums, theaters, zoos, and aquariums are just a few of the vast resources available to the American public. These informal learning environments are designed to educate, inspire, and entertain visitors in approachable and engaging ways.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING, RESEARCH.

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**EDUC 531. Effective Teaching: First Steps. 2 Credits.**

Characteristics of effective teachers, classroom management, instructional methods, instructional planning and presentation, monitoring and assessing student behavior and learning, differentiating instruction, yearly plans and pacing guides.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 532. Human Development and Learning. 3 Credits.**

This course examines the field of human development as it contributes to the teaching and learning of all children and youth. The emphasis is on understanding the nature of development in family and educational contexts and the implications of research and theory on human development for teacher practice and human services and the creation of supportive learning environments for all children and youth.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

**EDUC 533. Social Justice in Education. 3 Credits.**

Course examines how education can help create more fair and just societies, ultimately contributing to high performing educational systems internationally. Students explore multiple perspectives on social justice; examine efforts at local, state, national, and global levels; and learn to articulate efforts in classrooms and schools with wider community initiatives.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**EDUC 534. Effective Teaching: Assessment. 2 Credits.**

Methods of assessment, multiple measures, monitoring student performance to inform and improve instruction, understanding students with special needs with individual education plans, test scores, and other information in student files.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 535. Teachers and Schools. 3 Credits.**

Leadership in classroom and school with families, standards of practice, advocating equity, supporting teaching profession, school organization, school finance, legal issue/education strategies for environments that promote learning, issues and trends.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 540. Mathematics Teaching. 2 Credits.**

NCTM Standards, Standard Course of Study, developing student understanding of mathematics, problem-solving skills, and professional commitment.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 541. Mathematics Problems for Instruction. 2 Credits.**

Mathematical tasks for learners in grades six through 12 and instructional methods necessary to maintain a task at a high cognitive level.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 542. Planning for Mathematics Instruction. 2 Credits.**

Examining patterns of practice and assessment, modifying and improving planned units, pacing instruction, reconsidering individual differences and differentiation.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 543. Higher Education in the US. 3 Credits.**

Does it matter what you learn in college? What is really going on when you join a fraternity or sorority? In this course we will examine the role of higher education in U.S. society and why it matters that you are enrolled here at all.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 546. Experiential Education in International Contexts. 3 Credits.**

In this course, pre-service teachers and other students interested in education will explore international educational contexts (Hamburg, Germany or Quito, Ecuador/Galapagos Islands) through the lens of experiential education. In this study abroad experience, students will participate in formal and informal educational settings using Kolb's (1984) experiential learning cycle: experience, reflection, abstraction, application. This course is intended for anyone contemplating a career in education or any helping profession.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 550. Science Teaching. 2 Credits.**

Nature of science, national science standards, teaching science as inquiry, safety in the science classroom, materials management.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 551. Designing Science Tasks. 2 Credits.**

Developing and redesigning science instruction to engage students actively, with emphasis on classroom management for energetic curricula, modifying tasks and projects, assessment strategies, and utilization of resources.

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 550.

**Grading Status:** Letter grade.

**EDUC 552. Improving Science Instruction. 2 Credits.**

A practitioner's look at instruction in middle and high school science classrooms using many current pedagogical approaches of instruction: constructivism, models of inquiry, reflective practice, and conceptual change theory.

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 551.

**Grading Status:** Letter grade.

**EDUC 555. Constructive Coaching I: Starting Out Right. 1 Credits.**

Designed to support lateral entry candidates, solving the most urgent problems in the classroom. Includes frequent online communication, individualized attention to immediate problems and combines supervision, coaching, and mentoring.

**Rules & Requirements**

**Grading Status:** Letter grade.



**EDUC 556. Constructive Coaching II: Effective Management of Student Behavior. 1 Credits.**

Course designed to help lateral entry candidates by improving their classroom management skills, specifically those related to student behavior.

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 555.

**Grading Status:** Letter grade.

**EDUC 557. Constructive Coaching III: Helping Students Learn. 3 Credits.**

Course designed to support the lateral entry candidates through individualized feedback about concerns, focusing on strategies for increasing student learning using content area literacy strategies.

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 556.

**Grading Status:** Letter grade.

**EDUC 560. Second Language Teaching. 2 Credits.**

Methods of teaching a second language, how people learn foreign languages, planning instruction, getting students to communicate, using and adapting foreign language textbooks, and developing lessons.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 561. Designing Second Language Tasks. 2 Credits.**

Students examine instruction as effective mechanism for classroom management, choosing and redesigning tasks and projects to engage students in active learning. Assessment of student understanding investigated as necessary for development of effective instruction.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 562. Improving Second Language Instruction. 2 Credits.**

Students will consider national standards frameworks as organizing principles for instructional strategies. They will develop skills by use of culturally authentic materials, performance-based assessment, and units and lessons promoting successful language learning.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 563. Teaching Language Arts in the Middle Grades. 3 Credits.**

Restricted to students admitted to the middle grades education program. Focuses on the goals and methods of teaching language arts in the middle grades, including planning for student diversity and unit planning.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 564. Teaching Social Studies in the Middle Grades. 3 Credits.**

Restricted to students admitted to the middle grades education program. Focuses on the goals and methods of teaching social studies in the middle grades.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 565. Teaching Science in the Middle Grades. 3 Credits.**

Restricted to students admitted to the middle grades education program. Focuses on methods for teaching science in the middle grades and includes emphasis on the individual needs of students, reading and writing in the content area, and unit planning.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 566. Teaching Math in the Middle Grades. 3 Credits.**

Restricted to students admitted to the middle grades education program. Focuses on methods for teaching mathematics in the middle grades and includes emphasis on the individual needs of students, reading and writing in the content area, and unit planning.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **EDUC 567. Children's Literature in Elementary and Middle Schools. 3 Credits.**

Explores literature in the contexts of interdisciplinary elementary and middle school curricula and the interests and needs of children and young adolescents. Topics include reader-response theory, censorship, Internet resources, school resources, and methods.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-AESTH or FC-CREATE, COMMBEYOND.

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**EDUC 568. Seminar on Teaching. 3 Credits.****Rules & Requirements**

**Requisites:** Prerequisites, EDUC 465, 466, and 469; corequisite, EDUC 593.

**Grading Status:** Letter grade.

 **EDUC 570. History of American Higher Education. 3 Credits.**

Students in this class will be introduced to higher education in the United States. This course will focus on the development of colleges and universities and how their development helped shape and define current institutional practices and policies.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-PAST.

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

 **EDUC 571. The Maker Movement and Education. 3 Credits.**

Education research shows that people learn better when they move, they work with their hands, they manipulate objects, and they design and make things. We've known this for years, but it's been very hard to design activities for children where they can move and make, and at the same time learn the required course material. But today that's changed, thanks to exciting new technologies that bring learning and making together.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**EDUC 572. Psychology of Creativity. 3 Credits.**

How do people create? How do people learn to be creative? This class will introduce you to the latest scientific understandings of how creativity works. You'll actively engage in the creative process, in four different domains, such as creative writing and music production. We'll connect these experiences to the latest science of how creativity works, in psychology and in other disciplines.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-CREATE.

**Making Connections Gen Ed:** SS, CI.

**Grading Status:** Letter grade.

**EDUC 573. Reading the World: Paulo Freire, Local History, and Public Pedagogy. 3 Credits.**

This course is a thought experiment examining current and historical controversies in the areas within which we live. Using the lens of Public Pedagogy defined as the pedagogy in which all humans are immersed in which is not without politics and message. The world as constructed as created by humans is charged with messages subtle and overt that shape our experience and point of view.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**EDUC 574. Representations of Education in Documentaries. 3 Credits.**

Representations of teachers, students, and schooling appear in many popular media forms, including films, television shows, animation, popular songs, music videos, TV news and commercials, young adult fiction, and more. Alongside the subgenre of "school films" there exists another vibrant and robust cinematic subgenre composed of documentaries about "Education" (writ large). This course is an introduction to and exploration of these documentaries about education.

**Rules & Requirements**

**Making Connections Gen Ed:** LA, CI.

**Grading Status:** Letter grade.

**EDUC 575. Nurturing Latinx Identity Formation. 3 Credits.**

Through engagement, students will critically reflect on challenges and opportunities within schools and communities to transform these spaces positively. The course's central focus is learning how to re-imagine and redesign inclusive learning environments that uplift and advocate for positive racial/ethnic identity development of Southern Latinx youth. This course will utilize theories and frameworks to help students contextualize the experiences of Latinx communities in education while acquiring high impact practices to serve Latinx youth effectively.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**EDUC 576. LatinxEd Internship. 3 Credits.**

This course is primarily built upon weekly service learning, as students receive hands-on and behind-the-scenes experience in serving LatinxEd and its youth-serving initiatives and programs. Service-learning is coupled with weekly university course where students will collectively reflect on their experience in educational settings in and out of the classroom and receive mentorship from LatinxEd staff/partners. Students will demonstrate skills learned in EDUC 575.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER, HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning, US.

**Requisites:** Prerequisite, EDUC 575.

**Grading Status:** Letter grade.

**EDUC 583. Career and Professional Development. 3 Credits.**

The primary goal of this course is to provide an integrative learning experience that prepares HDFS students to apply academic learning, ethical and family life education principles acquired in previous coursework to real-life situations likely to be encountered in the internship experience and throughout their careers in the field of family studies and human services. Course materials and learning experiences are intended to help students with obtaining an internship consistent with their career goals.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Requisites:** Prerequisite, EDUC 408.

**Grading Status:** Letter grade.

**EDUC 585. Activating Human Organizational Leadership and Development. 3 Credits.**

This course provides an integrative learning experience that prepares students to apply academic learning acquired in previous coursework to real-life situations likely to be encountered in the internship experience and throughout their careers. The project-based approach is intended to culminate learning about human development and organizational theory and provide an opportunity to practice and prepare for their capstone experience. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 309.

**Grading Status:** Letter grade.

**EDUC 591. Seminar in Academic Mentoring in Education. 1 Credits.**

The education seminar in education provides direct experience in facilitating learning in undergraduate courses in education, human development, and organizational leadership. Students will serve as undergraduate learning assistants as part of the experiential activity of the course. Juniors and seniors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-LEARNTA.

**Making Connections Gen Ed:** EE - Undergraduate Learning Assistant, ULA.

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Letter grade.

**EDUC 593. Internship/Student Teaching. 1-12 Credits.**

Internships are full-time, authentic, field-based experiences in an educational or professional setting. Preservice teachers are responsible for planning lessons, delivering instruction, assessing students, managing the classroom, and demonstrating their teaching effectiveness. All internships are devoted exclusively to the student's functioning in a professional capacity.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 12 total completions.

**Grading Status:** Pass/Fail.

**EDUC 595. Introduction to Exceptional Children. 3 Credits.**

Permission of the instructor for nonmajors. Surveys giftedness and mental disabilities, emotional and behavioral disorders, learning disabilities, speech, hearing, vision, and physical impairments. Emphasizes the role of professionals, families, and the community in supporting the whole child.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 601. Education Workshops. 1-3 Credits.**

Permission of the program director. Workshops designed around education topics primarily for licensed K-12 teachers.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 5 total completions.

**Grading Status:** Letter grade.

**EDUC 605. Family Systems and Policy. 3 Credits.**

This course will explore the systemic nature of families, both internally and externally. The first half of the course will focus on the family itself as a natural system, one that governs boundaries and structure and facilitates interactions in reciprocal and patterned ways. The second half of the course will focus on the sociopolitical systems within which families live, specifically, public policies that influence how families define themselves and gain access to resources. Juniors/Seniors only. Majors only.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 611. Black Families in Social and Contemporary Contexts. 3 Credits.**

This course examines the diversity of Black families in the United States with a focus on the intersection of race, class, gender. The course examines theoretical and practical knowledge needed to develop and promote and maintain healthy Black families and identities. The course considers how historical trauma, slavery, the social construction of race, Blackness, political, and economic factors impact the well-being of Black children, youth, and adults within relationships, families, and social institutions.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**EDUC 614. Innovative and Engaging Teaching. 3 Credits.**

Introduction to the teaching profession including a focused, program-long emphasis on innovative, authentic, and resource-informed teaching. Includes engagement with 21st-century learning skills.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 615. Schools and Community Collaboration. 3 Credits.**

Course explores the symbiotic relationship between schools, families, and communities through a historical and sociocultural lens. Students participate in a community-based field experience.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work, US.

**Grading Status:** Letter grade.

**EDUC 616. Teaching Early English Language Arts. 3 Credits.**

Course focuses on ELA pedagogy, grades kindergarten through second grade. Course emphasizes best practices in foundations of reading and writing, cross-disciplinary concepts, and meaningful inquiry-based learning experiences.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 617. Teaching in the Middle School. 3 Credits.**

Provides students with an introduction to the history, philosophy, and attributes of schools and curriculum specifically designed for young adolescents with attention to their developmental characteristics and needs as learners.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** SS, EE- Service Learning.

**Grading Status:** Letter grade.

**EDUC 626. Pedagogical English Grammar for ESL Teachers. 3 Credits.**

Enhances foreign and second language educators' understanding of English grammar, expands their skills in linguistic analysis, and helps them develop a more pedagogically sound approach to the teaching of English grammar.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 627. Pedagogical Linguistics for ESL Teachers. 3 Credits.**

Provides future English as a second language teachers with advanced concepts in linguistics and comparative linguistics. Topics such as phonology and morphology will be covered.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 628. Teaching English Language Learners. 3 Credits.**

Provides an introduction to second language acquisition and considerations for the educational experiences of emergent bilingual/multilingual students in the context of U.S. schools.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**EDUC 629. Language Minority Students: Issues for Practitioners. 3 Credits.**

Permission of the instructor. Explores issues of culture and language associated with teaching English as a second language.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ANTH 629.

**EDUC 630. Advanced Research Design and Methods in Human Development and Family Studies. 3 Credits.**

This course covers advanced research designs and methodologies that are common in contemporary research on human development and family studies. It is designed to follow the introductory course in research methods and provides a more immersive learning experience into research design and methods. As such, it is appropriate for advanced undergraduate students as well as graduate students with limited exposure to advanced research.

**Rules & Requirements**

**Requisites:** Prerequisite, EDUC 408; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**EDUC 672. UNC Teaching Fellows: Community of Learners. 1 Credits.**

This course is required during both fall and spring semesters for all UNC students currently receiving funding through the North Carolina Teaching Fellows Program. The course will focus on addressing NC Teaching Fellows Commission-mandated enhancements in areas of leadership, diverse learners, classroom management, and assessment. Fellows will reflect on experiences and knowledge gained through readings, discussions, and community engagement. Previously offered as EDUC 872.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Pass/Fail.

**EDUC 685. Teaching Mathematics in the Elementary Grades. 3 Credits.**

This course emphasizes the interconnection of a classroom/school and society, the role of cultural beliefs in education, and mathematics instruction.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 686. Teaching Science in the Elementary Grades. 3 Credits.**

This course emphasizes the interconnection of classroom/school and society, the role of cultural beliefs in education, and science instruction.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 687. Teaching Social Studies in the Elementary Grades. 3 Credits.**

This course emphasizes the interconnection of classroom/school and society, the role of cultural beliefs in education, and social studies instruction.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 688. Teaching Intermediate English Language Arts, Grades 3-6. 3 Credits.**

This course emphasizes the interconnection of classroom/school and society, the role of cultural beliefs in education, and English language arts instruction.

**Rules & Requirements**

**Grading Status:** Letter grade.

**EDUC 689. Foundations of Special Education. 3 Credits.**

This course provides an advanced introduction to key concepts, issues, and service delivery approaches pertaining to the educational needs of students with high incidence disabilities.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **EDUC 691H. Honors Seminar in Education. 3 Credits.**

Restricted to honors candidates in the School of Education. Required for graduation with honors in education. Integration of critical analysis of selected educational themes, introduction to methods of educational research, and intensive work in skills of reading critically and writing.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **EDUC 694H. Honors Thesis in Education. 3 Credits.**

Required of all candidates for graduation with honors in education. Preparation of an honors thesis under the direction of a member of the School of Education faculty and an oral examination on the thesis.


**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Requisites:** Prerequisite, EDUC 691H; A grade of B or better in EDUC 691H is required to take this course.

**Grading Status:** Letter grade.

 **EDUC 695. Human Organizational Leadership and Development Capstone. 9 Credits.**

This course provides an integrative learning experience in which HOLD students apply academic learning acquired in previous coursework to real-life situations encountered in the field. The internship serves as the capstone of the HOLD major, requiring senior students to demonstrate mastery of the skills learned in the HOLD major. Students are required to complete a Human Organizational Leadership and Development project that will be shared in both written format and an oral presentation. Restricted to Majors only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship, EE- Service Learning.

**Requisites:** Prerequisites, EDUC 257, EDUC 309, EDUC 357, EDUC 505, EDUC 508, and EDUC 585.

**Grading Status:** Letter grade.

**EDUC 697. Education Minor Capstone Course. 3 Credits.**

Student completes a major project in education. Course involves discussion about the changing and contested goals of education, how student projects are implicated in these complexities, and how the projects may be articulated in terms of policy change.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.


**EDUC 698. Internship in Human Development and Family Science. 3-9 Credits.**

The primary goal of this course is to provide an integrative learning experience in which HDFS students apply academic learning acquired in previous coursework to real-life situations encountered in the field. The internship serves as the capstone of the HDFS major, requiring senior students to demonstrate mastery of skills learned in the HDFS major. Students are also required to complete a Leadership/Family Life Education project for the internship site shared both in written format and oral presentation.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship, EE- Service Learning.

**Requisites:** Prerequisites, EDUC 181, 408, and 583.

**Repeat Rules:** May be repeated for credit. 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**EDUC 699. Teaching the Science of Literacy. 3 Credits.**

The course examines the science of literacy and how children learn to read and write. The course will emphasize evidence-based practices in foundations of reading and writing, based on the literature of the science of reading. Using the multi-tiered system of support (MTSS) framework, students will learn how to target literacy to meet individual needs based on formative and summative assessments. Students will learn to link progress monitoring to EBPs for tracking responsiveness to instruction.

**Rules & Requirements**

**Grading Status:** Letter grade.

## Contact Information

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## Human Development and Family Science Major, B.A.Ed.

The mission of the human development and family science (HDFS) program is to promote the well-being of children, youth, and families, in diverse developmental and societal contexts through evidence-based teaching, service, leadership, advocacy, research, and innovation. HDFS prepares students for careers and graduate programs in fields such as education, public health, occupational therapy, speech-language pathology, social work, health services, leadership and nonprofit management, counseling services, and more. The HDFS program offers two optional concentrations: Child and Family Health and Family Life Education. The program also offers the courses needed for the Certified Family Life Educator Credential (CFLE). For more information, please visit the School of Education website (<https://ed.unc.edu/academics/programs/human-development-and-family-science/cfle/>).

Admission to the human development and family science major is required and offered every semester. Admission is based on, but not limited to, a 2.5 grade point average, good academic standing, expressed interest in the helping professions, and space available. For more information, please visit the School of Education website (<https://ed.unc.edu/academics/programs/human-development-and-family-science/>).

Newly admitted students should expect to be enrolled in the HDFS program for a minimum of three full-time semesters in order to meet program course sequencing and milestones. Students interested in studying abroad should meet the SOE director of undergraduate advising and student engagement to discuss a timeline upon admission to the program.

Admitted students must earn a grade of C or better for each course counting to fulfill a degree requirement within the HDFS major. If a student earns a grade of C- or lower in a course, it will not satisfy a degree requirement within the HDFS major. The student will need to repeat that course or an equivalent. If a course is repeated, the student can only count the credit hours once when calculating the number of credit hours toward degree.

In the event that a student fails the internship or is dismissed for violating the School of Education, site placement, or the University Code of Ethics, they will be referred to the School of Education Appeals Committee.

Students are subject to the requirements in place when they are admitted to the School of Education; consequently, the requirements for approved programs described in this catalog particularly apply to students admitted to the school during the 2023–2024 academic year.

## Student Learning Outcomes

Upon completion of the human development and family science program, students should be able to:

- (Theories and Human Development) Demonstrate the ability to understand and apply theories about human development and family

relations in the physical, intellectual, cultural, and socioemotional domains.

- (Career/Ethical) Demonstrate both understanding and practical applications of professional behaviors that reflect knowledge about communication and relationship skills, work ethic, and ethical considerations needed to serve individuals, children, and families.
- (Family Dynamics and Diversity) Assess individual and family experiences and dynamics are shaped by diverse cultural backgrounds and perspectives, such as race, ethnicity, sexual identities, ability, socioeconomic status, immigrant status, and urban versus rural settings.
- (Applied Learning – Verbal and Written Applications) Demonstrate the ability to develop resources and initiatives and deliver services using appropriate strategies and technologies to support the well-being of children, families, schools, and communities through presentations, research, and service learning.
- (Research and Evidence-Based Approaches) Understand and apply research to inform education, prevention, intervention, and/or policy efforts related to children and families in diverse contexts.

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (course and credit hours) at UNC–Chapel Hill
- earn a C or better in all courses for the HDFS major (core and additional requirements).

For more information, please consult the degree requirements section of the catalog (p. 1241).

### Human Development and Family Science, B.A.Ed.

Code	Title	Hours
<b>Core Requirements</b>		
EDUC 181	Introduction to Human Development and Family Studies <sup>F</sup>	3
EDUC 401	Childhood Development: Prenatal Birth to Age 12	3
EDUC 501	Adolescent and Adulthood Development: A Cross-Cultural	3
EDUC 403	Individuals, Families, and Communities in Diverse Contexts	3
EDUC 405	Parenting and Family Life Education	3
EDUC 408	Research Methods in Human Development (must be taken prior to EDUC 583)	3
EDUC 583	Career and Professional Development <sup>1</sup>	3
EDUC 698	Internship in Human Development and Family Studies <sup>2</sup>	9
Diversity/equity focus course (select one):		3
EDUC 375	Identity and Sexuality	
EDUC 410	Families and Communities in Diverse Contexts for Youth	
EDUC 415	Schooling of Immigrant Children	

EDUC 4611	Exploring Social Determinants of Health Across Populations	
EDUC 508	Equity, Leadership, and You	
EDUC 510	Latinx Experience in Education	
EDUC 512	Critical Examination of Racism and Education: African American Case Example	
EDUC 526	Ethics and Education: From Global Problems to Classroom Dilemmas	
EDUC 528	Exceptionality Across the Life Span	
EDUC 533	Social Justice in Education	
EDUC 575	Nurturing Latinx Identity Formation	
EDUC 611	Black Families in Social and Contemporary Contexts	
Leadership requirement (select one):		3
EDUC 309	Foundations of Leadership <sup>F</sup>	
EDUC 316	Advanced Leadership Development Seminar	
EDUC 357	Organizational and Community Development	
EDUC 480	Resource Management for Individuals and Families	
EDUC 505	Leadership in Educational/Nonprofit Settings	
EDUC 506	Politics, Policymaking, and America's Schools	
EDUC 508	Equity, Leadership, and You	
EDUC 517	Educational Partnership Through Program Evaluation	

#### Additional Requirements

Select from the following 3 options: <sup>3,4</sup>	12
Four courses from the Family Life Education concentration (see list below)	
Four courses from the Child and Family Health concentration (see list below)	
Four courses from the concentration lists or the elective list (see lists below)	
<b>Total Hours</b>	<b>48</b>

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.






<sup>1</sup> Must take EDUC 408 prior to enrolling in EDUC 583. Students must see the SOE director of advising for permission to enroll. EDUC 583 must be taken in the semester immediately preceding the internship semester. Students should consider summer internships where feasible to meet program milestones.

<sup>2</sup> During the internship semester, it is preferred that students only take one class with the internship. However, students will be allowed to enroll in up to six credit hours in addition to the required nine credit hour internship course, for a maximum of 15 hours. Students will not be allowed to register for 18 hours. The internship site must be approved by the HDFS program in the semester preceding the internship.

<sup>3</sup> At least 6 of the 12 hours taken to satisfy a concentration must be completed at the University of North Carolina at Chapel Hill.

<sup>4</sup> Students in either concentration may elect to complete courses in the other concentration but can only declare one concentration. For example, a student in the CFH concentration may complete courses in the FLE concentration as part of their general major electives.

## Family Life Education Concentration







Code	Title	Hours
Select four (4) courses from the following list:		12
EDUC 325	 Introduction to Counseling and Coaching	
EDUC 375	 Identity and Sexuality	
EDUC 410	Families and Communities in Diverse Contexts for Youth	
EDUC 480	Resource Management for Individuals and Families	
EDUC 605	Family Systems and Policy	
EDUC 611	 Black Families in Social and Contemporary Contexts	
AAAD 341	Law and Society	
COMM 224	Introduction to Gender and Communication <sup>H</sup>	
COMM 318	 Cultural Diversity	
COMM 422	 Family Communication <sup>H</sup>	
PSYC 465	Poverty and Development	
PSYC 467	The Development of Black Children	
PSYC 471	The Study of Adolescent Issues and Development	
PSYC 517	Addiction	
SOCI 130	Family and Society <sup>1</sup>	
SOCI 425	Family and Society, Junior/Senior Section <sup>1</sup>	
SOCI 431	Aging	
SOCI 468	United States Poverty and Public Policy	
SOWO 530	Social Welfare Systems and Policies	
<b>Total Hours</b>		<b>12</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students may not receive credit for both SOCI 130 and SOCI 425.

## Child and Family Health Concentration

Code	Title	Hours
Select four (4) courses from the following list:		12
EDUC 375	 Identity and Sexuality	
EDUC 400	 Autism in Our Communities: An Interdisciplinary Perspective	
EDUC 4611	 Exploring Social Determinants of Health Across Populations	
EDUC 470	Therapeutic Value of Play	
EDUC 475	Child and Family Health	
EDUC 528	 Exceptionality Across the Life Span	
EDUC 630	Advanced Research Design and Methods in Human Development and Family Studies	
EDUC 689	Foundations of Special Education	


BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>H</sup>
EXSS 211	Adapted Physical Education
HPM 571	Health and Human Rights
LING 101	 Introduction to Language <sup>H</sup>
LING 200	 Phonology
NURS 685I	Care of the Dying and Bereaved throughout the Life Span <sup>1</sup>
NUTR 240	Introduction to Human Nutrition
PLCY 570	Health and Human Rights
PSYC 210	 Statistical Principles of Psychological Research <sup>H</sup>
PSYC 220	Biopsychology <sup>H</sup>
PSYC 245	Psychopathology <sup>H</sup>
PSYC 517	Addiction
SOCI 172	 Introduction to Population Health in the United States
SOCI 422	 Sociology of Mental Health and Illness
SOCI 431	Aging
SOCI 469	Health and Society
SOWO 856	Care of the Dying and Bereaved <sup>1</sup>
SPHS 520	Human Communication Across the Lifespan
SPHS 521	Human Communication Across the Lifespan (EE)
SPHS 582	Introductory Audiology I
SPHS 583	Introduction to Clinical Practice in Speech-Language Pathology and Audiology
<b>Total Hours</b>	<b>12</b>



























<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> Students may not use credit for both NURS 685I and SOWO 856 to count toward the concentration

Students may request additional health-related courses.

## Electives Course List (for students who are not choosing a concentration)

Code	Title	Hours
Select four (4) courses from the following list:		12
AAAD 130	 Introduction to African American and Diaspora Studies	
AAAD 341	Law and Society	
AAAD/WGST 386	Comparative Studies in Culture, Gender, and Global Forces	
ANTH 226	The Peoples of Africa	
ANTH/WGST 277	Gender and Culture	
ANTH 318	 Human Growth and Development	
ANTH 380	Anthropological Perspectives on Cultural Diversity	

BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>H</sup>	NSCI 222	Learning <sup>H</sup>
COMM 224	Introduction to Gender and Communication <sup>H</sup>	NUTR 240	Introduction to Human Nutrition
COMM 318	 Cultural Diversity	PLCY 530	 Educational Problems and Policy Solutions <sup>H</sup>
COMM 422	 Family Communication <sup>H</sup>	PLCY 570	Health and Human Rights
COMM 576	Making and Manipulating "Race" in the United States	PSYC 210	 Statistical Principles of Psychological Research <sup>H</sup>
ENGL 284	Reading Children's Literature	PSYC 220	Biopsychology <sup>H</sup>
EDUC 325	 Introduction to Counseling and Coaching	PSYC 245	Psychopathology <sup>H</sup>
EDUC 349	 Adulthood	PSYC 250	Child Development <sup>H</sup>
EDUC 375	 Identity and Sexuality	PSYC 260	Social Psychology <sup>H</sup>
EDUC 400	 Autism in Our Communities: An Interdisciplinary Perspective	PSYC 465	Poverty and Development
EDUC 410	Families and Communities in Diverse Contexts for Youth	PSYC 467	The Development of Black Children
EDUC 4611	 Exploring Social Determinants of Health Across Populations	PSYC 468	Family as a Context for Development
EDUC 470	Therapeutic Value of Play	PSYC 471	The Study of Adolescent Issues and Development
EDUC 475	Child and Family Health	PSYC 512	Popularity, Friendship, and Peer Relations
EDUC 480	Resource Management for Individuals and Families	PSYC 517	Addiction
EDUC 509	Helping Youth Thrive in K-12 Schools	SOCI 122	 Race and Ethnicity
EDUC 521	Schools, Cultures, and Communities I: Youth	SOCI 124	 Sex and Gender in Society
EDUC 522	Schools, Cultures, and Communities II: Schools	SOCI 130	Family and Society
EDUC 524	Learning on the Edge: Theories of Experiential Education	SOCI 172	 Introduction to Population Health in the United States
EDUC 527	Screen Education: Representations of Education in Popular Culture	SOCI 422	 Sociology of Mental Health and Illness
EDUC 528	 Exceptionality Across the Life Span	SOCI 423	 Sociology of Education, Experiential Education
EDUC 529	 Education in American Society	SOCI 425	Family and Society, Junior/Senior Section
EDUC 532	 Human Development and Learning	SOCI 426	Sociology of Education
EDUC 567	 Children's Literature in Elementary and Middle Schools	SOCI 431	Aging
EDUC 572	 Psychology of Creativity	SOCI 444	Race, Class, and Gender
EDUC 605	Family Systems and Policy	SOCI 468	United States Poverty and Public Policy
EDUC 611	 Black Families in Social and Contemporary Contexts	SOCI 469	Health and Society
EDUC 630	Advanced Research Design and Methods in Human Development and Family Studies	SOWO 530	Social Welfare Systems and Policies
EDUC 689	Foundations of Special Education	SPHS 520	Human Communication Across the Lifespan
ENGL 291	 Picture Books	SPHS 521	Human Communication Across the Lifespan (EE)
EXSS 211	Adapted Physical Education	SPHS 582	Introductory Audiology I
HPM 571	Health and Human Rights	SPHS 583	Introduction to Clinical Practice in Speech-Language Pathology and Audiology
INLS 534	Youth and Technology in Libraries	WGST 101	 Introduction to Women's Studies <sup>H</sup>
LING 101	 Introduction to Language <sup>H</sup>		
LING 200	 Phonology		
LING 203	 Language Acquisition and Development		
LTAM 291	The Latino Experience in the United States		

**Total Hours** 12

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Education

### Honors in the School of Education

During the fall semester of the senior year, an honors student in the School of Education participates in the first of a two-course sequence. This first course is an honors thesis class to begin the thesis preparation and writing process. During the spring semester of the senior year the student takes the second course in the honors class sequence. Across the two courses the student completes an honors thesis. In the spring semester there is an oral examination to defend the thesis. The program is limited to students with a minimum cumulative grade point average of 3.3 at the start of the fall semester of the senior year. That is, students



who wish to undertake a senior honors thesis project must have a cumulative GPA of 3.3 or higher in order to begin the project, and must maintain a cumulative GPA of 3.3 or higher through graduation.

## Department Programs

### Major

- Human Development and Family Science Major, B.A.Ed. (p. 1085)
- Human and Organizational Leadership Development Major, B.A. (p. 1089)

### Minor

- Education Minor (p. 1091)

## Contact Information

### School of Education

Visit Program Website (<http://soe.unc.edu>)

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## Human and Organizational Leadership Development Major, B.A.

The human and organizational leadership development (HOLD) program prepares graduates to understand, lead, and work effectively with a diverse set of stakeholders in organizations focused on learning and human development. The curriculum provides students with a grounding in the science of learning and adult learning, organizational and leadership theory, quantitative and qualitative social science research methods, and data-informed decision making. Students will gain an insight into learning and development in a broad range of organizations, including businesses, non-profits, and government agencies that are committed to cultivating clients' and workers' capacities. In order to thrive in learning-oriented organizations, students must be skilled

collaborators and communicators, keen observers of social structure and dynamics, as well as careful data consumers and analysts.

Admission to the human and organizational leadership development (HOLD) major is required and offered every semester. Admission is based on, but not limited to, a 2.5 grade point average, good academic standing, expressed interest in the helping professions, and space available. For more information, please visit the School of Education website (<https://ed.unc.edu/academics/programs/human-organizational-leadership-and-development/>).

Newly admitted students should expect to be enrolled in the HOLD program for a minimum of three fulltime semesters in order to meet program course sequencing and milestones. Students interested in studying abroad should meet the SOE director of advising to discuss a timeline upon admission to the program.

Admitted students must earn a grade of C or better for each course counting to fulfill a degree requirement within the HOLD major. If a student earns a grade of C- or lower in a course, it will not satisfy a degree requirement within the HOLD major. The student will need to repeat that course or an equivalent. If a course is repeated, the student can only count the credit hours once when calculating the number of credit hours toward degree.

In the event that a student fails the internship or is dismissed for violating the School of Education, site placement, or the University Code of Ethics, they will be referred to the School of Education Appeals Committee.

Students are subject to the requirements in place when they are admitted to the School of Education; consequently, the requirements for approved programs described in this catalog particularly apply to students admitted to the school during the 2023–2024 academic year.

## Student Learning Outcomes

Upon completion of the human and organizational leadership development program, students should be able to:

- Utilize theory-informed and evidence-based approaches to critically assess and understand organizational and leadership dynamics
- Demonstrate effective skills in collaboration, data analysis, equity-minded leadership, and communication
- Actively engage with diverse stakeholders to improve organizations by cultivating human development

## Requirements

In addition to the program requirements, students must

- attain a final cumulative GPA of at least 2.0
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major course requirements (course and credit hours) at UNC–Chapel Hill
- earn a C or better in all courses for the HOLD major (core and additional requirements).

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements<sup>1</sup></b>		
EDUC 257	Inquiry and Data Applications	3

EDUC 309	Foundations of Leadership <sup>F</sup>	3
EDUC 357	Organizational and Community Development	3
EDUC 472	System Improvement and Implementation at Scale	3
EDUC 505	Leadership in Educational/Nonprofit Settings	3
EDUC 508	Equity, Leadership, and You	3
EDUC 585	Activating Human Organizational Leadership and Development	3
EDUC 695	Human Organizational Leadership and Development Capstone	9
At least five elective courses from the list below.		15
<b>Total Hours</b>		<b>45</b>

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Students may count courses completed prior to declaring a HOLD major toward major completion.

## Approved Elective Courses

Code	Title	Hours
EDUC 410	Families and Communities in Diverse Contexts for Youth	3
EDUC 504	Learning in the Modern World	3
EDUC 506	Politics, Policymaking, and America's Schools	3
EDUC 509	Helping Youth Thrive in K-12 Schools	3
EDUC 510	Latinx Experience in Education	3
EDUC 521	Schools, Cultures, and Communities I: Youth	3
EDUC 522	Schools, Cultures, and Communities II: Schools	3
EDUC 526	Ethics and Education: From Global Problems to Classroom Dilemmas	3
EDUC 529	Education in American Society	3
EDUC 532	Human Development and Learning	3
EDUC 533	Social Justice in Education	3
BUSI 405	Leading and Managing: An Introduction to Organizational Behavior	3
BUSI 507H	Sustainable Business and Social Enterprise	3
COMM 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	3
COMM 325	Introduction to Organizational Communication <sup>H</sup>	3
COMM 525	Organizational Communication	3
MNGT/SOCI 131	Social Relations in the Workplace	3
NSCI 222	Learning <sup>H</sup>	3
PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3
PLCY 340	Justice in Public Policy <sup>H</sup>	3
PLCY 450	Internal and Interpersonal Conflict Management	3
PSYC 101	General Psychology <sup>F</sup>	3
PSYC 250	Child Development <sup>H</sup>	3

PSYC 260	Social Psychology <sup>H</sup>	3
SOCI 101	Sociological Perspectives <sup>H</sup>	3
SOCI 112	Social Interaction	3
SOCI 251	Research Methods	3
SOCI 252	Data Analysis	3
SOCI 410	Formal Organizations and Bureaucracy	3
SOCI 415	Economy and Society	3



<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

First Year	Hours
<b>First-Year Foundations Courses</b>	
IDST 101  College Thriving	1
ENGL 105  English Composition and Rhetoric or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	3
First-Year Seminar or First-Year Launch (p. 1171)	3
Triple-I and Data Literacy (p. 1179)	4
Global Language through level 3 (p. 1180)	varies
Additional General Education and elective courses	19
<b>Hours</b>	<b>30</b>
<b>Sophomore Year</b>	
Additional General Education and elective courses	30
<b>Hours</b>	<b>30</b>
<b>Junior Year</b>	
<b>Fall Semester</b>	
EDUC 257  Inquiry and Data Applications	3
EDUC 357  Organizational and Community Development	3
EDUC 309  Foundations of Leadership <sup>F</sup>	3
Additional electives	6
<b>Hours</b>	<b>15</b>
<b>Spring Semester</b>	
EDUC 472  System Improvement and Implementation at Scale	3
EDUC 505  Leadership in Educational/Nonprofit Settings	3

EDUC 508	 Equity, Leadership, and You	3
Additional electives		6
<b>Hours</b>		<b>15</b>
<b>Senior Year</b>		
<b>Fall Semester</b>		
EDUC 585	Activating Human Organizational Leadership and Development	3
Additional electives		12
<b>Hours</b>		<b>15</b>
<b>Spring Semester</b>		
EDUC 695	 Human Organizational Leadership and Development Capstone	9
Additional electives		6
<b>Hours</b>		<b>15</b>
<b>Total Hours</b>		<b>120</b>

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Special Opportunities in Education

### Honors in the School of Education

During the fall semester of the senior year, an honors student in the School of Education participates in the first of a two-course sequence. This first course is an honors thesis class to begin the thesis preparation and writing process. During the spring semester of the senior year the student takes the second course in the honors class sequence. Across the two courses the student completes an honors thesis. In the spring semester there is an oral examination to defend the thesis. The program is limited to students with a minimum cumulative grade point average of 3.3 at the start of the fall semester of the senior year. That is, students who wish to undertake a senior honors thesis project must have a cumulative GPA of 3.3 or higher in order to begin the project, and must maintain a cumulative GPA of 3.3 or higher through graduation.

## Department Programs

### Major

- Human Development and Family Science Major, B.A.Ed. (p. 1085)
- Human and Organizational Leadership Development Major, B.A. (p. 1089)

### Minor

- Education Minor (p. 1091)

## Contact Information

### School of Education

Visit Program Website (<http://soe.unc.edu>)  
Peabody Hall, CB# 3500  
(919) 966-1346

### Program Director

Jemilia Davis  
[jemilia\\_davis@unc.edu](mailto:jemilia_davis@unc.edu)

### Dean

Fouad Abd-El-Khalick

### Associate Dean for Academic Affairs and Director of Graduate Studies

Thurston Domina  
[tdomina@email.unc.edu](mailto:tdomina@email.unc.edu)

### Assistant Dean for Student Affairs

Shauna Harris  
[shauna.harris@unc.edu](mailto:shauna.harris@unc.edu)

### Assistant Dean for Educator Preparation and Accreditation

Diana Lys  
[lys@unc.edu](mailto:lys@unc.edu)

### Registrar

Lisa Johnson  
[lisajohnson@unc.edu](mailto:lisajohnson@unc.edu)

### Director of Undergraduate Advising and Student Engagement

Sarah Rowe  
[sarahrowe@unc.edu](mailto:sarahrowe@unc.edu)

## Education Minor

The undergraduate minor in education is appropriate for undergraduate students interested in furthering their knowledge of education as a means of career development or to enhance their understanding of current schooling, community, and policy directions.

To declare a minor in education, you must see an advisor by appointment. During the declaration appointment, the advisor will review with you the requirements for the minor and determine if you can complete the program within the eight-semester limit.

If you intend to declare a minor in education and have already declared (or intend to declare) a major in human development and family science (HDFS) or human and organizational leadership development (HOLD), only six (6) credit hours can double count for the education minor and the HDFS and HOLD majors.

More information is available on the School of Education's website (<http://soe.unc.edu/academics/education-minor/>).

## Requirements
























In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC-Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The minor consists of five courses.

Code	Title	Hours
<b>Three courses in the School of Education:</b>		<b>9</b>
EDUC 410	Families and Communities in Diverse Contexts for Youth	
EDUC 415	Schooling of Immigrant Children	

EDUC 504	Learning in the Modern World	
EDUC 505	 Leadership in Educational/Nonprofit Settings	
EDUC 506	 Politics, Policymaking, and America's Schools	
EDUC 507	 Arts, Education, and Social Change	
EDUC 508	 Equity, Leadership, and You	
EDUC 509	Helping Youth Thrive in K-12 Schools	
EDUC 510	 Latinx Experience in Education	
EDUC 512	Critical Examination of Racism and Education: African American Case Example	
EDUC 517	 Educational Partnership Through Program Evaluation	
EDUC 518	 Exploring Public Pedagogies through Popular Culture	
EDUC 521	Schools, Cultures, and Communities I: Youth	
EDUC 522	Schools, Cultures, and Communities II: Schools	
EDUC 524	Learning on the Edge: Theories of Experiential Education	
EDUC 526	 Ethics and Education: From Global Problems to Classroom Dilemmas	
EDUC 527	Screen Education: Representations of Education in Popular Culture	
EDUC 528	 Exceptionality Across the Life Span	
EDUC 529	 Education in American Society	
EDUC 530	 Free-Choice Learning in Informal Environments	
EDUC 533	 Social Justice in Education	
EDUC 532	 Human Development and Learning	
EDUC 543	Higher Education in the US	
EDUC 567	 Children's Literature in Elementary and Middle Schools	
EDUC 570	 History of American Higher Education	
EDUC 571	 The Maker Movement and Education	
EDUC 572	 Psychology of Creativity	
EDUC 573	Reading the World: Paulo Freire, Local History, and Public Pedagogy	
EDUC 574	Representations of Education in Documentaries	
EDUC 575	 Nurturing Latinx Identity Formation	
EDUC 576	 LatinxEd Internship	
<b>One course in the College of Arts and Sciences:</b>		<b>3</b>
COMM 318	 Cultural Diversity	
ENGL 284	Reading Children's Literature	
ENGL 291	 Picture Books	
HIST 367	North Carolina History since 1865	
PLCY 530	 Educational Problems and Policy Solutions <sup>H</sup>	
PSYC 250	Child Development <sup>H</sup>	
PSYC 471	The Study of Adolescent Issues and Development	
SOCI 130	Family and Society	
SOCI 423	 Sociology of Education, Experiential Education	
SOCI 425	Family and Society, Junior/Senior Section	

SOCI 426	Sociology of Education	
<b>Education Capstone Course</b>		
EDUC 697	Education Minor Capstone Course <sup>1</sup>	3
<b>Total Hours</b>		<b>15</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> To be taken after completing three of the other required courses for the minor. Students must contact the SOE Director of Advising for permission to add the capstone course.

## Department Programs

### Major

- Human Development and Family Science Major, B.A.Ed. (p. 1085)
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- Education Minor (p. 1091)

## Contact Information

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lisajohnson@unc.edu

### Director of Undergraduate Advising and Student Engagement

Sarah Rowe  
sarahrowe@unc.edu

## School of Information and Library Science

### Introduction

The School of Information and Library Science (SILS) was founded in 1931 and is one of the most highly regarded programs of its kind in the nation. The school first offered a minor in information systems in 1997

and initiated a major in information science in 2003. UNC–Chapel Hill is the only university in the state offering a bachelor's degree in information science and is one of only a small number of schools nationwide offering such a program.

Information science is the study of cognitive, social, technological, and organizational roles of information in all its forms. It rests on three foundational pillars:

1. content: the substance of the information being created, communicated, stored, and/or transformed;
2. people who interact with the content as creators of information, recipients of information, or intermediaries in the communication process; and
3. technology used to support the creation, communication, storage, or transformation of the content.

The bachelor of science in information science is designed to prepare its graduates for a variety of careers in the information industry, including information architecture, database design and implementation, Web design and implementation, business systems analyst, and information consulting, as well as for graduate study. The minor in information systems provides students with an understanding of computing, multimedia, electronic information resources, and the Internet that complements their major field of study. Students concentrate their studies in the junior and senior years.

## Advising

The department's director of undergraduate studies and undergraduate student services coordinator work with current and prospective majors by appointment. Further information on courses, undergraduate research opportunities, the honors program, careers, and graduate schools may be obtained from the SILS website (<https://sils.unc.edu/>).

Students who are double majoring are encouraged to meet periodically with an academic advisor in the College of Arts and Sciences. It is the student's responsibility to make sure he or she is making good progress toward completing a second major outside of SILS. Information systems minors should continue to meet with their assigned advisor in their major department.

## Career Opportunities



Career Services at SILS assists individuals in all aspects of career development, including assessing strengths and skill sets, developing a job search strategy, and connecting students and alumni with information professionals in their field.

SILS also works closely with University Career Services and its programs and services, including on-campus recruiting for both summer internships and professional positions. Students are encouraged to take advantage of both the offerings from Handshake as well as targeted events for SILS students.

## Preparing for the Major in Information Science

Students are subject to the requirements in place when they are admitted as a degree-seeking student to the University; consequently, the School of Information and Library Science requirements described in this catalog particularly apply to students admitted to the University during the 2023–2024 academic year.

First-year students and sophomores who plan to apply for the B.S.I.S. must complete the following prerequisites.

Code	Title	Hours
INLS 161	Tools for Information Literacy	3
INLS 201	 Foundations of Information Science	3
MATH 115	 Reasoning with Data: Navigating a Quantitative World	3

Undergraduate students who have completed all prerequisite courses may apply for admission to the major program. Participation is limited, and admission is competitive. Criteria for admission include the candidate's academic record, work and extracurricular experience, and substantive thinking about the role of information in society (and, for applicants to the minor, in their major field). Candidates from a variety of disciplinary backgrounds are sought for the minor. Prior computer experience is not a criterion for admission to the minor.

## Admission

To apply for admission, students must "Apply for Change of Major" in ConnectCarolina. Information regarding the application process is available on the school's website (<http://sils.unc.edu/programs/undergraduate/admissions/>). Applicants are asked to provide the following materials:

- A current résumé, including information about work experience and/or extracurricular activities
- A brief essay (100–300 words) on why you want to pursue an information science (IS) major/minor. More specifically, 1) what experiences led you to realize you would benefit from further education in IS, and 2) how will pursuing an education in IS enable you to achieve your future plans?

Applications for the spring semester are available September 1 through October 1. Applications for the fall semester are available February 1 through March 1. Applications are accepted only during the application windows. No late or paper applications are accepted.

Questions can be addressed to the Undergraduate Student Services Coordinator, School of Information and Library Science, CB# 3360, 107 Manning Hall; or by sending email to [sils-ug@ils.unc.edu](mailto:sils-ug@ils.unc.edu); or by calling (919) 962-0208.

### Major

- Information Science Major, B.S. (p. 1099)

### Minor

- Information Systems Minor (p. 1102)

### Dual Bachelor's–Graduate Degree Programs

- B.S.I.S in Information Science to M.S.I.S or M.S.L.S (<https://sils.unc.edu/programs/bs-ms/>)
- B.A. in Environmental Studies to M.S.I.S (<https://catalog.unc.edu/undergraduate/programs-study/environmental-studies-major-ba/>)
- B.S. in Environmental Science to M.S.I.S (<https://catalog.unc.edu/undergraduate/programs-study/environmental-science-bs/>)

### Graduate Programs

- M.S.I.S. in Information Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- M.S.L.S. in Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Digital Curation (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Biomedical and Health Informatics (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Information and Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Health Informatics (<https://chip.unc.edu/phd-hi/>)

## Professors

Jaime Arguello, Robert Capra, Melanie Feinberg, David Gotz, Sandra Hughes-Hassell, Christopher (Cal) Lee, Gary Marchionini (Cary C. Boshamer Distinguished Professor), Javed Mostafa, Arcot Rajasekar, Brian W. Sturm, Helen R. Tibbo.

## Associate Professors

Tressie McMillan Cottom, Bradley M. Hemminger, Mohammad Hossein Jarrahi, Lukasz Mazur, Ryan Shaw.

## Assistant Professors

Marijel (Maggie) Melo, Francesca Tripodi, Yue (Ray) Wang.

## Teaching Associate Professor

Ronald Bergquist.

## Teaching Assistant Professors

Casey H. Rawson, Megan A. Winget.

## INLS—Information and Library Science Undergraduate-level

### INLS 73. First-Year Seminar: Smart Cities. 3 Credits.

Topics and trends in sustainable and smart cities. Role of information in the design of network resources and impact on urban design, development, and urban living will be explored.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Grading Status:** Letter grade.

### INLS 89. First-Year Seminar: Special Topics. 3 Credits.

Special topics course; content will vary each semester.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FY-SEMINAR.

**Grading Status:** Letter grade.

### INLS 151. Retrieving and Analyzing Information. 3 Credits.

Introduction to and application of the processes that can be used in seeking information, evaluating the quality of the information retrieved, and synthesizing the information into a useful form.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### INLS 161. Tools for Information Literacy. 3 Credits.

Tools and concepts for information literacy. Includes software use and maintenance, computer applications, and networked information systems.

#### Rules & Requirements

**Grading Status:** Letter grade.

### INLS 201. Foundations of Information Science. 3 Credits.

Examines the evolution of information science; information representation, organization and management; search and retrieval; human information seeking and interaction; organizational behavior and communication; policy, ethics and scholarly communication.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-KNOWING.

**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

### INLS 202. Retrieval and Organizing Systems. 3 Credits.

Introduction to foundational core concepts and core techniques in information organization, information retrieval, and data mining.

#### Rules & Requirements

**Requisites:** Prerequisite, INLS 201.

**Grading Status:** Letter grade.

### INLS 203. Human Information Behavior. 3 Credits.

Introduces key areas and concepts in information science, to include task modeling, information-seeking behavior, search behavior, human-computer interaction, usability, user interfaces, social media, and social media analysis.

#### Rules & Requirements

**Requisites:** Prerequisite, INLS 201.

**Grading Status:** Letter grade.

### INLS 318. Human Computer Interaction. 3 Credits.

Design, implementation, and evaluation of interfaces for computer systems. User-based techniques, usability issues, and human factors.

#### Rules & Requirements

**Requisites:** Prerequisite, INLS 382.

**Grading Status:** Letter grade.

### INLS 382. Information Systems Analysis and Design. 3 Credits.

Analysis of organizational problems and how information systems can be designed to solve those problems. Application of database and interface design principles to the implementation of information systems.

#### Rules & Requirements

**Requisites:** Pre- or corequisite, INLS 161.

**Grading Status:** Letter grade.

 **INLS 384. Information and Computer Ethics. 3 Credits.**

Overview of ethical reasoning, followed by examination of ethical issues relevant to information science, including access to information and technology, societal impacts of technology, information privacy, surveillance and security, intellectual property, and professional ethics.

**Rules & Requirements** **IDEAs in Action Gen Ed:** FC-KNOWING or FC-VALUES.**Making Connections Gen Ed:** PH, CI.**Requisites:** Prerequisite, INLS 201.**Grading Status:** Letter grade.**INLS 385. Information Use for Organizational Effectiveness. 3 Credits.**

Basic concepts in the way that information, people, and technology interact to influence organizational effectiveness. Principles of problem solving, teamwork, leadership, and organizational change/innovation.

**Rules & Requirements****Grading Status:** Letter grade. **INLS 393. Information Science Internship. 3 Credits.**

Permission of the school. Supervised observation and practice in information science. The internship typically takes place in an information agency or an information technology company. Faculty-led seminars and a paper enhance the experience. Pass/Fail only.

**Rules & Requirements** **IDEAs in Action Gen Ed:** HI-INTERN.**Making Connections Gen Ed:** EE- Academic Internship.**Grading Status:** Pass/Fail.**INLS 396. Independent Study in Information Systems. 1-3 Credits.**

Study by an individual student on a special topic under the direction of a specific faculty member. A prospectus/plan for the work is required in advance of registration.

**Rules & Requirements****Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.**Grading Status:** Letter grade.**Advanced Undergraduate and Graduate-level****INLS 418. Human Factors in System Design. 3 Credits.**

Design, implementation, and evaluation of interfaces for computer systems. User-based techniques, usability issues, and human factors.

**Rules & Requirements****Requisites:** Prerequisite, INLS 382.**Grading Status:** Letter grade.**INLS 465. Understanding Information Technology for Managing Digital Collections. 3 Credits.**

Prepares students to be conversant with information technologies that underlie digital collections in order to evaluate the work of developers, delegate tasks, write requests for proposals, and establish policies and procedures. Teaches students how to think about information technology systems and recognize and manage interdependencies between parts of the systems.

**Rules & Requirements****Grading Status:** Letter grade.**INLS 467. Introduction to Information Security. 3 Credits.**

Students will learn about many of the current issues facing businesses as well as how to prevent and discuss these issues and controls in depth. Focus will be placed upon preventing loss of information and protecting networks. Students should be able to understand any security control, describe its usage and rationale, as well as test and verify these controls are working as expected.

**Rules & Requirements****Requisites:** Prerequisite, INLS 161.**Grading Status:** Letter grade.**INLS 490. Selected Topics. 1-3 Credits.**

Exploration of an introductory-level special topic not otherwise covered in the curriculum. Previous offerings of these courses do not predict their future availability; new courses may replace these.

**Rules & Requirements****Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 9 total completions.**Grading Status:** Letter grade.**INLS 493. Professional Field Experience. 1 Credits.**

Second field experience course to be offered to coincide with the student's information science project in a local organization. Enrollment restricted to IS majors and minors; Instructor permission required.

**Rules & Requirements****Requisites:** Prerequisite, INLS 393.**Grading Status:** Pass/Fail.**INLS 500. Human Information Interactions. 3 Credits.**

The behavioral and cognitive activities of those who interact with information, with emphasis on the role of information mediators. How information needs are recognized and resolved; use and dissemination of information.

**Rules & Requirements****Requisites:** Prerequisite, INLS 203 or graduate standing.**Grading Status:** Letter grade.**INLS 501. Information Resources and Services. 3 Credits.**

Analysis, use, and evaluation of information and reference systems, services, and tools for both printed and electronic delivery. Provides a foundation in electronic information search techniques, question negotiation, interviewing, and instruction.

**Rules & Requirements****Grading Status:** Letter grade.**INLS 509. Information Retrieval. 3 Credits.**

Study of information retrieval and question answering techniques, including document classification, retrieval and evaluation techniques, handling of large data collections, and the use of feedback.

**Rules & Requirements****Grading Status:** Letter grade.**Same as:** COMP 487.

**INLS 512. Applications of Natural Language Processing. 3 Credits.**

Students with graduate standing in SILS may take the course without the prerequisite. Explores current and future uses of natural language technologies. Topics vary and may include translation, generation, deception, health informatics, ethics and evaluation, and student-selected areas of interest.

**Rules & Requirements**

**Requisites:** Prerequisites, COMP 110, or 116, and; COMP 210, or 410.

**Grading Status:** Letter grade.

**Same as:** COMP 486.

**INLS 513. Resource Selection and Evaluation. 3 Credits.**

Identification, provision, and evaluation of resources to meet primary needs of clientele in different institutional environments.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 515. Consumer Health Information. 3 Credits.**

Examines concepts of health, health conditions, policy, and information collections and services from social and cultural perspectives. Analysis and design for provision and access to consumer health information services.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 520. Organization of Information. 3 Credits.**

Introduction to the problems and methods of organizing information, including information structures, knowledge schemata, data structures, terminological control, index language functions, and implications for searching.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 523. Introduction to Database Concepts and Applications. 3 Credits.**

Design and implementation of basic database systems. Semantic modeling, relational database theory, including normalization, indexing, and query construction, SQL.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 525. Electronic Records Management. 3 Credits.**

Explores relationships between new information and communication technologies and organizational efforts to define, identify, control, manage, and preserve records. Considers the importance of organizational, institutional and technological factors in determining appropriate recordkeeping strategies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 530. Young Adult Literature and Related Materials. 3 Credits.**

A survey of print and nonprint library materials particularly suited to the needs of adolescents.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 534. Youth and Technology in Libraries. 3 Credits.**

This course encourages students to explore the array of technologies available to children and adolescents, the issues surrounding the use of technology, the role of care givers, and potential impacts on development.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 539. Going the Last Mile: Information Access for Underserved Populations. 3 Credits.**

In this course we investigate the special challenges of providing information services to marginalized populations in an increasingly digital world.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 540. Building a Personal Digital Library. 3 Credits.**

Students will implement a personal digital LifeTime Library. Topics include creation of a personal digital library, organization of the material, creation of descriptive metadata, management, and sharing of the collection.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 541. Information Visualization. 3 Credits.**

An introduction to information visualization through reading current literature and studying exemplars. The course reviews information visualization techniques, provides a framework for identifying the need for information visualization, and emphasizes interactive electronic visualizations that use freely available tools. Students will construct several visualizations. No programming skills are required.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 550. History of the Book and Other Information Formats. 3 Credits.**

The history of the origin and development of the book in all its formats: clay tablets to electronic. Coverage includes scientific and other scholarly publications, religious works, popular literature, periodicals, and newspapers.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 551. History of Libraries and Other Information-Related Cultural Institutions. 3 Credits.**

The history of cultural institutions related to information from earliest times to the present day. Includes specific institutions, trends in service and facilities, and individuals important in the development of these institutions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 554. Cultural Institutions. 3 Credits.**

This course will explore cultural institutions—libraries, museums, parks, zoological and botanical gardens, reconstructions and other settings—as lifelong educational environments.

**Rules & Requirements**

**Grading Status:** Letter grade.



**INLS 556. Introduction to Archives and Records Management. 3 Credits.**

Survey of the principles, techniques, and issues in the acquisition, management, and administration of records, manuscripts, archives, and other cultural and documentary resources in paper, electronic, and other media formats.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 558. Principles and Techniques of Storytelling. 3 Credits.**

An overview of storytelling, its historical development, and the presentation and administration of storytelling programs. The class focuses on performance skills merged with theoretical issues.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 560. Programming for Information Science. 3 Credits.**

Introduction to programming and computational concepts. Students will learn to write programs using constructs such as iteration, flow control, variables, functions, and error handling. No programming experience required.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 561. Digital Forensics for Curation of Digital Collections. 3 Credits.**

Students will learn about hardware, software, principles, and methods for capturing and curating digital data that have been stored on removable media (i.e., hard drives, floppy disks, USB memory sticks).

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 570. Intermediate Programming and Data Analysis. 3 Credits.**

Intermediate programming concepts in information processing and data analysis. Students will learn object-oriented programming, data structures, data analysis methods, and information processing techniques in the context of information science topics.

**Rules & Requirements**

**Requisites:** Prerequisite, COMP 110, COMP 116, or INLS 560, or equivalent course.

**Grading Status:** Letter grade.

**INLS 572. Web Development I. 3 Credits.**

Introduction to current technologies, standards, and best practices for front-end web development using HTML, CSS, and JavaScript. Includes coverage of responsive design techniques for the development of websites that render and perform well on various devices.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 573. Mobile Web Development. 1.5 Credits.**

An introduction to techniques and technologies for the development of mobile Web sites and their applications.

**Rules & Requirements**

**Requisites:** Prerequisite, INLS 161.

**Grading Status:** Letter grade.

**INLS 576. Distributed Systems and Administration. 3 Credits.**

Distributed and client/server-based computing. Includes operating system basics, security concerns, and issues and trends in network administration.

**Rules & Requirements**

**Requisites:** Prerequisite, INLS 161 or 461.

**Grading Status:** Letter grade.

**INLS 578. Protocols and Network Management. 3 Credits.**

Network protocols and protocol stacks. Included are discussions of protocol classes, packet filtering, address filtering, network management, and hardware such as protocol analyzers, repeaters, routers, and bridges.

**Rules & Requirements**

**Requisites:** Prerequisite, INLS 161 or 461.

**Grading Status:** Letter grade.

**INLS 581. Research Methods Overview. 3 Credits.**

An introduction to research methods used in information and library science, exploring the design, interpretation, analysis, and application of published research.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 582. Systems Analysis. 3 Credits.**

Introduction to the systems approach to the design and development of information systems. Methods and tools for the analysis and modeling of system functionality (e.g., structured analysis) and data represented in the system (e.g., object-oriented analysis) are studied.

**Rules & Requirements**

**Requisites:** Prerequisite, INLS 382 or graduate standing.

**Grading Status:** Letter grade.

**INLS 584. Information Ethics. 3 Credits.**

An overview of ethical reasoning, followed by discussion of issues most salient to information professionals, e.g., intellectual property, privacy, access/censorship, effects of computerization, and ethical codes of conduct.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 585. Management for Information Professionals. 3 Credits.**

Introduction to management principles and practices for information professionals working in all types of organizations. Topics include planning, budgeting, organizational theory, staffing, leadership, organizational change and evaluation, and decision making.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 586. Project Management. 1.5 Credits.**

Strategies and skills needed to effectively manage projects, integrating project management theory with best practices in different organizational perspectives. Individual and team assignments include readings and case studies.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 609. Experimental Information Retrieval. 3 Credits.**

This course takes an in-depth look at experimental information retrieval systems that focus on different search tasks and are evaluated in community-wide evaluation forums such as TREC and INEX.

**Rules & Requirements**

**Requisites:** Prerequisite, INLS 509.

**Grading Status:** Letter grade.

**INLS 613. Text Mining. 3 Credits.**

This course will allow the student to develop a general understanding of knowledge discovery and gain a specific understanding of text mining. Students will become familiar with both the theoretical and practical aspects of text mining and develop a proficiency with data modeling text.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 620. Web Information Organization. 3 Credits.**

Similar programming background needed. Understand the Web as a platform for information organizing systems. Learn how the Web has been designed to be a service platform, data publishing platform, and application platform.

**Rules & Requirements**

**Requisites:** Prerequisites, INLS 520 or 560.

**Grading Status:** Letter grade.

**INLS 621. Personal Information Management. 3 Credits.**

This course focuses on issues in personal information management research and practice, including information organization, human cognition and memory, task continuity across devices, preservation, and the role of technology in personal information management.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 623. Database Systems II: Intermediate Databases. 3 Credits.**

Intermediate-level design and implementation of database systems, building on topics studied in INLS 523. Additional topics include MySQL, indexing, XML, and nontext databases.

**Rules & Requirements**

**Requisites:** Prerequisites, INLS 382 or 582, and 523.

**Grading Status:** Letter grade.

**INLS 624. Policy-Based Data Management. 3 Credits.**

Students will develop policies for managing digital repositories and persistent archives. The rules will be implemented in the integrated Rule-Oriented Data System (iRODS), which organizes and distributes data into shareable collections.

**Rules & Requirements**

**Requisites:** Prerequisite, INLS 461 or COMP 110 or 116.

**Grading Status:** Letter grade.

**INLS 625. Information Analytics. 3 Credits.**

This course introduces analytical techniques to deal with very large data sets. Students will become familiar with predictive modeling, clustering, data mining, and paradigms such as map resource.

**Rules & Requirements**

**Requisites:** Prerequisite, INLS 560; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**INLS 641. Visual Analytics. 3 Credits.**

This project-based course provides an overview of visual analytics. Material includes foundational concepts and theories, seminal and recent research in the field, and hands-on experience with commonly used technologies. Programming experience strongly recommended.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 651. Audio-Visual Archives Management. 1.5 Credits.**

An introduction to the management of audio, film, and video archives with an emphasis on the history of recording, best practices for preservation and access, and copyright. Through selected readings, lecture, class discussion, assignment, and hands-on demonstration, students will gain an understanding of the history of recording, format identification, storage and handling, philosophy of media preservation, and copyright.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 660. Social Media and Society: A Theoretical and Empirical Overview. 3 Credits.**

Explores the evolution, implications, and complications of social media in multiple spheres of life including sociality, community, politics, power and inequality, education, and information from theoretical and empirical perspectives.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 672. Web Development II. 3 Credits.**

Study of design and implementation of applications using both client and server side configuration and programming. Example topics include PHP, ruby on Rails, and Javascript.

**Rules & Requirements**

**Requisites:** Prerequisite, INLS 572.

**Grading Status:** Letter grade.

**INLS 685. Project Management: Strategy and Applications. 3 Credits.**

This course is a broad introduction to project management principles, tools, and strategies intended for use in a variety of applications. Key topics include project planning tools, project process groups, risk assessment, budgeting/cost estimation, and team management. Through the use of readings, videos, assignments, and forum discussions, students will have the opportunity to demonstrate knowledge and understanding of the strategy behind successful project management and problem resolution.

**Rules & Requirements**

**Grading Status:** Letter grade.

**INLS 690. Intermediate Selected Topics. 1-3 Credits.**

Exploration of a special topic not otherwise covered in the curriculum, at an intermediate level. Previous offering of this course does not predict future availability; new courses may replace these. Topic varies by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 9 total completions.

**Grading Status:** Letter grade.

**INLS 691H. Research Methods in Information Science. 3 Credits.**

Senior standing and permission of the instructor. Restricted to information science majors. An introduction to research methods used in information science. Includes the writing of a research proposal.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI, EE- Mentored Research.

**Grading Status:** Letter grade.

**INLS 692H. Honors Thesis in Information Science. 3 Credits.**

Senior standing and permission of the instructor. Students in the SILS undergraduate honors program engage in independent research and write an honors thesis reporting the research under the supervision of a faculty member. Restricted to information science majors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**INLS 696. Study in Information and Library Science. 1-3 Credits.**

Study by an individual student on a special topic under the direction of a specific faculty member. Six credit maximum for master's students. Graduate faculty.

**Rules & Requirements**

**Requisites:** Prerequisite, permission of the instructor.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

**INLS 697. Information Science Capstone. 3 Credits.**

Senior standing required. Information science major or minor. Contemporary topics of information science, information systems, information technology, information design, and information management. Assessment of future impact of new developments.

**Rules & Requirements**

**Grading Status:** Letter grade.

## CHIP–Carolina Health Information Program

### Advanced Undergraduate and Graduate-level

**CHIP 400. Digital Health Innovations and Impact. 1.5 Credits.**

In this course, students will be introduced to patient engagement, population health, digital therapies; learn about interoperability standards driving data sharing; review the regulatory bodies defining standards of care, along with understanding the privacy and security laws governing the use of health care data. The course includes a project prototyping and pitching a digital health solution. We will hear from industry experts who will participate as guest lecturers with opportunities for students to ask questions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CHIP 490. Selected Topics. 1-3 Credits.**

Exploration of an introductory-level special topic not otherwise covered in the curriculum. Previous offerings of these courses do not predict their future availability; new courses may replace these.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 9 total completions.

**Grading Status:** Letter grade.

**CHIP 690. Intermediate Selected Topics. 1-3 Credits.**

Exploration of a special topic not otherwise covered in the curriculum, at an intermediate level. Previous offering of this course does not predict future availability; new courses may replace these. Topic varies by instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 9 total credits. 9 total completions.

**Grading Status:** Letter grade.

**CHIP 696. Independent Study in Health Informatics. 1-3 Credits.**

Study by an individual student on a special topic under the direction of a specific faculty member. Six credits maximum for master's students. Graduate faculty. Permission of the instructor.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 6 total completions.

**Grading Status:** Letter grade.

## Contact Information

**School of Information and Library Science**

Visit Program Website (<http://sils.unc.edu>)

107 Manning Hall, CB# 3360

(919) 962-0208

**Dean**

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**Associate Dean for Academic Affairs**

Brian Sturm

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## Information Science Major, B.S.

The bachelor of science in information science is designed to prepare its graduates for a variety of careers in the information industry, including information architecture, database design and implementation, Web design and implementation, business systems analyst, and information consulting, as well as for graduate study.

The information science major integrates the study of the creation and management of information content, the characteristics and needs of the people who create and use information, and the technologies used to support the creation and manipulation of information. Graduating students will

- Understand the many ways in which information can be created, communicated, stored, and/or transformed in order to benefit individuals, organizations, and society

- Possess practical skills for analyzing, processing, and managing information and for developing and managing information systems in our knowledge-based society. They will possess problem-solving and decision-making skills, be able to use information tools effectively, and be able to take a leadership role in our information economy
- Comprehend the value of information and information tools, and their role in society and the economy
- Be prepared to evaluate the role of information in a variety of industries, in different organizational settings, for different populations, and for different purposes
- Maintain a strong sense of the role of information in society, including historical and future roles

Admission (p. 1093) to the program is required.

## Student Learning Outcomes

Upon completion of the information science program, students should be able to:

- Demonstrate knowledge of the many ways in which information can be created, communicated, stored, and/or transformed, in order to benefit individuals, organizations, and society
- Demonstrate practical skills in analyzing, processing, and managing information and developing and managing information systems in a knowledge-based society
- Apply problem-solving and decision-making skills
- Effectively utilize information tools in preparation to taking a leadership role in the information economy
- Recognize the value of information and information tools, and their role in society and the economy
- Evaluate the role of information in a variety of industries, in different organizational settings, for different populations, and for different purposes

## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).











Code	Title	Hours
<b>Core Requirements</b>		
INLS 560 or COMP 110	Programming for Information Science	3
or COMP 116	Introduction to Programming and Data Science	
	Introduction to Scientific Programming	
INLS 382	Information Systems Analysis and Design	3
INLS 385	Information Use for Organizational Effectiveness	3
INLS 523	Introduction to Database Concepts and Applications	3

INLS 697	Information Science Capstone (taken in the senior year)	3
A coherent set of five or more electives, selected from the list below, equaling 15 credit hours <sup>1</sup>		15
<b>Total Hours</b>		<b>30</b>

<sup>1</sup> Electives should meet the student's objectives/interests/career goals.

## Approved Electives

Code	Title	Hours
INLS —	Any INLS course above level 200 that is not a core requirement or prerequisite	3
APPL 101	Exploring Engineering	3
BIOS 511	Introduction to Statistical Computing and Data Management	4
BUSI 410	Business Analytics	3
BUSI 520	Advanced Spreadsheet Modeling for Business	3
COMM 140	Introduction to Media History, Theory, and Criticism <sup>F</sup>	3
COMM 150	Introduction to New Media	3
COMM 431	Advanced Audio Production	3
COMM 450	Media and Popular Culture	3
COMM 636	Interactive Media	3
COMP 126	Practical Web Design and Development for Everyone	3
COMP 210	Data Structures and Analysis	3
COMP 211	Systems Fundamentals	3
COMP 283	Discrete Structures <sup>H</sup>	3
COMP 301	Foundations of Programming	3
COMP 311	Computer Organization	3
COMP 380	Technology, Ethics, & Culture <sup>H</sup>	3
COMP 426	Modern Web Programming	3
COMP 431	Internet Services and Protocols	3
ECON 400	Introduction to Data Science and Econometrics <sup>H</sup>	4
ECON 470	Econometrics <sup>H</sup>	3
ENGL 117	Arguing on the Internet: Rhetoric in the Age of Social Media	3
ENGL 482	Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3
GEOG 215	Introduction to Spatial Data Science	3
GEOG 370	Introduction to Geographic Information	3
GEOG 477	Introduction to Remote Sensing of the Environment	3
GEOG 491	Introduction to GIS	3
GEOG 591	Applied Issues in Geographic Information Systems	3
MATH 381	Discrete Mathematics <sup>H</sup>	3
MEJO 182	Foundations of Graphic Design	3
MEJO 187	Foundations of Interactive Media	3

MEJO 433	UX Strategy and Design	3
MEJO 445	Media Effects on Audiences	3
MEJO 482	Media Design	3
MEJO 484	Information Graphics	3
MEJO 487	Intermediate Interactive Media	3
MEJO 581	User Experience Design and Usability	3
MEJO 582	Advanced Documentary Video Storytelling	3
MEJO 583	Advanced Interactive Media	3
MEJO 585	3D Design Studio	3
MUSC 239	Introduction to Music Technology	3
PHIL 143	 AI and the Future of Humanity: Philosophical Issues about Technology and Human Survival <sup>H</sup>	3
PHYS 633	Scientific Programming	3
PLCY 460	 Quantitative Analysis for Public Policy <sup>H</sup>	4
POLI 281	 Data in Politics I: An Introduction	3
PSYC 180	Social Media, Technology, and the Adolescent Brain	3
PSYC 210	 Statistical Principles of Psychological Research <sup>H</sup>	3
PSYC 230	Cognitive Psychology <sup>H</sup>	3
PSYC 330	Introduction to Cognitive Science	3
SOCI 318	Computational Sociology	3
STOR 120	 Foundations of Statistics and Data Science <sup>F</sup>	4
STOR 151	 Introduction to Data Analysis	3
STOR 155	 Introduction to Data Models and Inference <sup>F</sup>	3
STOR 215	 Foundations of Decision Sciences	3
STOR 305	 Introduction to Decision Analytics	3
STOR 320	 Introduction to Data Science	4
STOR 435	Introduction to Probability	3
STOR 455	Methods of Data Analysis	3
STOR 565	Machine Learning	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

B.S.I.S. students may take additional INLS electives but are encouraged to acquire a broad education in the liberal arts and sciences.

Students may not select the Pass/Fail option for any of the courses fulfilling requirements for the B.S.I.S. major or for any additional INLS electives, except for INLS 393. INLS 393 is only graded Pass/Fail.

## Special Opportunities in SILS

### Dual Bachelor's–Master's Degree Program

The dual bachelor's–master's program is intended to enable information science majors to obtain both their bachelor's and master's degrees by early planning of an undergraduate program that integrates well with the

graduate degree requirements for either a master's in information science (M.S.I.S.) or a master's in library science (M.S.L.S.).

Applying to the dual-degree program occurs in two steps. First, the student must apply to the B.S.I.S. program with intent to pursue the dual degree. The student must apply to the master's program in the sixth, seventh, or eighth semester of undergraduate study. For admission to study at the master's level in the fall semester, students should meet the application deadline in the prior spring, and for admission in the spring semester, the prior fall. In other words, students must apply in time to be continually enrolled, with no "gap" semester. The curriculum for the dual degree can be found on the SILS website (<http://sils.unc.edu/programs/bs-ms/curriculum/>).

Up to 12 credit hours of information science coursework taken while an undergraduate can be applied to the master's degree if the coursework is not also used to satisfy the graduation requirements for the bachelor's degree. The requirements for the master's degree can be found in the *Graduate Catalog*.

Students interested in the dual-degree program are strongly advised to consult the director of undergraduate studies or the undergraduate student services coordinator at SILS in their sophomore year to discuss eligibility and an appropriate plan of study.

## Honors in Information Science

An honors program is available to information science majors who have demonstrated the ability to perform distinguished work. The honors thesis allows exceptional students in the undergraduate major to demonstrate the ability to treat a problem in a substantial and scholarly way. Students write an honors thesis on a topic related to information science and defend it before a faculty committee. They may graduate with honors or highest honors.

The honors program consists of two courses: INLS 691H and INLS 692H.

INLS 691H will be taken in the fall of the senior year. In this course, each student selects a research topic of interest, learns about research methods, and writes a research proposal. Assuming satisfactory completion of INLS 691H, students register for INLS 692H in the spring of their senior year. The student and advisor meet regularly to discuss the student's research and writing. The second reader for the thesis, identified jointly by the student and advisor, is chosen by the end of January. The director of the SILS honors program is the third reader. Refer to Honors Carolina for official due dates. The final approved thesis must be submitted electronically via the Carolina Digital Repository (CDR).

Students may apply for the honors program in the spring of their junior year. The requirements for conducting an honors thesis in information science include having taken at least four INLS courses, including two numbered above 299, and having a total INLS grade point average of at least 3.5. The student should have an overall grade point average of at least 3.3. Enrolling in INLS 692H is contingent on completing INLS 691H with a grade of A- or higher.

Students who complete a high-quality thesis will graduate with honors; those whose thesis is exceptional will graduate with highest honors.

## Facilities/Resources

SILS maintains a combined specialized library and computer laboratory with ample seating for student collaborative work. The SILS Library is part of the UNC–Chapel Hill Academic Affairs Library System, and its collections are available for use in the library by all interested persons. The current collection consists of over 100,000 volumes and several

hundred serials titles. The SILS computer laboratory is located in the school's Information Technology and Resource Center in Manning Hall and is available to students enrolled in SILS courses and programs. More than 40 PCs are available for student use, with space for use of student laptops in a wireless environment. A large selection of software is available, including data management, word processing, publishing, statistical analysis, Internet tools, graphics, development tools, multimedia, etc. Student assistants staff the help desk and are available to check out equipment and to answer questions.

SILS students also have access to a small student lounge in Manning Hall.

## Field Experience

As a professional school at UNC–Chapel Hill, we encourage students to use the technical and theoretical knowledge they gain in the classroom in professional settings. Many SILS students participate in field experiences (INLS 393) whereby they gain experience in a setting of the student's choosing.

Students must spend 135 hours with the site, attend field experience seminars, and produce a short paper for their field experience faculty advisor. Students are eligible for field experiences once they have junior status and three INLS courses: INLS 161, INLS 201, and INLS 382. Field experiences can be taken in any semester, including the summer, and can be in any information setting.

## Student Involvement

Undergraduate students are encouraged to participate in ILSSA (Information and Library Science Student Association). All of the school's standing committees have student representation. In addition, students may participate in professional associations in information and library science, including the student chapters of the Association for Information Science and Technology (ASIS&T), the Student Chapter of the American Library Association (SCALA), Special Libraries Association (SLA), the Art and Museum Library and Information Student Society (AMLISS), the Student Chapter of the Society of American Archivists (SCOSAA), and Checked Out: SILS Diversity.

## Study Abroad

SILS has formal study abroad agreements with seven information schools in the Czech Republic, Singapore, Denmark, South Korea, Chile, Spain, and Ireland. Students can spend a summer, semester, or year studying abroad to earn course credit toward their information science major or information systems minor. The exchanges are administered through the UNC Study Abroad Office but are managed by SILS. Credit transfer should be confirmed with SILS before beginning the exchange. In addition, UNC–Chapel Hill has formal university ties with approximately 75 other universities – many of them with library and information science schools. SILS also offers short-term summer seminars in various locations. These programs are two weeks in length and offer an in-depth view on information science. Students who wish to enjoy an international experience while studying at SILS are encouraged to talk with the SILS international programs coordinator.

## Undergraduate Awards

Two scholarships of \$1,000 each are awarded to newly admitted undergraduates in the spring and fall. Undergraduates completing an honors thesis are eligible to apply for a Carnegie Grant. This award of up to \$200 may be used to offset any costs that might occur during their research.

## Undergraduate Research

Undergraduates enrolled in the honors program conduct research as part of the completion of their honors thesis. Students not in the honors program may also take advantage of a number of opportunities to participate in research with faculty members.

## Department Programs

### Major

- Information Science Major, B.S. (p. 1099)

### Minor

- Information Systems Mino (p. 1102)r

### Dual Bachelor's–Graduate Degree Programs

- B.S.I.S in Information Science to M.S.I.S or M.S.L.S (<https://sils.unc.edu/programs/bs-ms/>)
- B.A. in Environmental Studies to M.S.I.S (<https://catalog.unc.edu/undergraduate/programs-study/environmental-studies-major-ba/>)
- B.S. in Environmental Science to M.S.I.S (<https://catalog.unc.edu/undergraduate/programs-study/environmental-science-bs/>)

### Graduate Programs

- M.S.I.S. in Information Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- M.S.L.S. in Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Digital Curation (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Biomedical and Health Informatics (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Information and Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Health Informatics (<https://chip.unc.edu/phd-hi/>)

## Contact Information

### School of Information and Library Science

Visit Program Website (<http://sils.unc.edu>)  
107 Manning Hall, CB# 3360  
(919) 962-0208

### Dean

Gary Marchionini

Undergraduate Student Services Coordinator  
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### Associate Dean for Academic Affairs

Brian Sturm  
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## Information Systems Minor

The undergraduate minor in information systems provides students with an understanding of computing, networking, multimedia, electronic information resources, and the Internet and can be used to solve problems in a variety of contexts. The minor complements the student's

major field of study by offering knowledge, skills, and experience using these information technologies.





## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The undergraduate minor in information systems requires 15 credits of approved courses.

Code	Title	Hours
<b>Core Requirements</b>		
INLS 201	 Foundations of Information Science	3
INLS 161	Tools for Information Literacy	3
INLS 382	Information Systems Analysis and Design	3
INLS 523	Introduction to Database Concepts and Applications	3
One three-credit elective course chosen from: <sup>1</sup>		3
INLS 151	 Retrieving and Analyzing Information	
INLS 202	Retrieval and Organizing Systems	
INLS 203	Human Information Behavior	
INLS 318	Human Computer Interaction	
INLS 384	 Information and Computer Ethics	
INLS 385	Information Use for Organizational Effectiveness	
INLS 393	 Information Science Internship	
INLS 396	Independent Study in Information Systems	
INLS 697	Information Science Capstone	
INLS 4--	An INLS course numbered above 400	
a course from outside SILS of use or interest to the student that is relevant to the minor		
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> Information systems minors may not use any course required for their major as an elective for the minor.

Information and library science (INLS) course descriptions (p. 1094).

## Department Programs

### Major

- Information Science Major, B.S. (p. 1099)

### Minor

- Information Systems Minor (p. 1102)r

### Dual Bachelor's–Graduate Degree Programs

- B.S.I.S in Information Science to M.S.I.S or M.S.L.S (<https://sils.unc.edu/programs/bs-ms/>)

- B.A. in Environmental Studies to M.S.I.S (<https://catalog.unc.edu/undergraduate/programs-study/environmental-studies-major-ba/>)
- B.S. in Environmental Science to M.S.I.S (<https://catalog.unc.edu/undergraduate/programs-study/environmental-science-bs/>)

### Graduate Programs

- M.S.I.S. in Information Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- M.S.L.S. in Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Digital Curation (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- P.S.M. in Biomedical and Health Informatics (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Information and Library Science (<http://catalog.unc.edu/graduate/schools-departments/information-library-science/>)
- Ph.D. in Health Informatics (<https://chip.unc.edu/phd-hi/>)

## Contact Information

### School of Information and Library Science

Visit Program Website (<http://sils.unc.edu>)  
107 Manning Hall, CB# 3360  
(919) 962-0208

### Dean

Gary Marchionini

Undergraduate Student Services Coordinator  
[sils-ug@ils.unc.edu](mailto:sils-ug@ils.unc.edu).

### Associate Dean for Academic Affairs

Brian Sturm  
[sturm@ils.unc.edu](mailto:sturm@ils.unc.edu)

## Hussman School of Journalism and Media

### Introduction

The Hussman School of Journalism and Media was founded as the Department of Journalism in 1924 and became the School of Journalism in 1950. The school has been accredited by the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC) since 1958.

The school offers a course of study leading to a bachelor of arts in media and journalism or a minor in media and journalism.

Today, more than 10,000 of the school's alumni are active in every aspect of media and journalism. They hold high positions with newspapers, international news agencies, magazines, Internet companies, broadcasting companies, and advertising agencies; in public relations, marketing, branding, business journalism, photo and video journalism, and graphic design; and in research, government, education, and industry.

### Advising

For students who have been accepted to the Hussman School of Journalism and Media, advising is available year-round by appointment and on a walk-in basis in the Undergraduate Hub in Carroll Hall. See the school's website (<http://hussman.unc.edu/ug/student-services/>)

academicadvising/) for details. Students are strongly encouraged to meet regularly with an advisor. Advising for College of Arts and Sciences second majors is available by appointment in Academic Advising, located in Steele Building.

## Graduate School

The school offers residential master's and doctoral degrees in media and communication, and an online master's degree in digital communication. Residential graduate courses are open to graduate students in other fields. For further information about the graduate programs, see the school's website (<http://hussman.unc.edu/grad/>).

## Career Opportunities

The school operates a Career Services Office (located in the Undergraduate Hub in Carroll Hall), which is designed to fit the right graduating senior (or alumnus or alumna) with the right job. Students in the school are also encouraged to use University Career Services.

## Contact Information

Information is available from the Undergraduate Hub in Carroll Hall, from the Dean's Office in 117 Carroll Hall, or from the senior associate dean for undergraduate studies. Current and prospective students will also find the school's website (<http://hussman.unc.edu/>) helpful. A weekly newsletter is sent by email to media and journalism majors and predeclared majors during the academic year. Contact the undergraduate hub coordinator to be added to the listserv.

## Admission to the School

Students are subject to the requirements in place when they are admitted to the University of North Carolina at Chapel Hill. The requirements described in this catalog particularly apply to students admitted to the University during the 2023–2024 academic year.

It is highly recommended that students interested in the school pre-declare their primary major as media and journalism (as early as possible) with a concentration in either advertising/public relations or journalism.

Students typically apply to the school when they attain sophomore standing with a total of 45 or more completed hours and have completed most of the requirements of the General College on the Chapel Hill campus or have earned grades of C or better in equivalent courses at other recognized institutions.

## Transfer Admission

Because the University limits the number of transfer students from other institutions, transfer applicants compete for admission to the school on the basis of grade point averages and other academic credentials, and factors including commitment to a career in journalism and media and letters of recommendation. The Office of Undergraduate Admissions makes the final decision on admitting transfer students, in consultation with the school.

## Preparation for the Major

Students should take Writing and Reporting (MEJO 153) and Introduction to Digital Storytelling (MEJO 121) by the first semester of their sophomore year. Students who are pursuing advertising/public relations should also take Principles of Advertising and Public Relations (MEJO 137). The Media Revolution: From Gutenberg to Zuckerberg and

Beyond (MEJO 101) is open to first-year students and sophomores who want to explore the major. Many courses require prerequisites and are restricted to majors only.

### Majors

- Media and Journalism Major, B.A (p. 1116).

### Minor

- Media and Journalism Minor (p. 1121)

### Certificate Programs

- Certificate Programs in Media and Journalism (p. 1122)

### Graduate Programs

- M.A. in Digital Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)
- M.A. in Media and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)
- Ph.D. in Media and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)

## Professors

Francesca Dillman Carpentier, Patrick D. Davison, Rhonda Gibson, Heidi Hennink-Kaminski, Susan King, Daniel Kreiss, Thomas R. Linden, Seth Noar, Terence Oliver, Marisa Porto, Raul Reis, John M. Sweeney, C.A. Tuggle.

## Associate Professors

Debashis Aikat, Lucinda Austin, Spencer Barnes, Andy R. Bechtel, Lois A. Boynton, Nori Comello, Paul F. Cuadros, Joe Czabovsky, Tori Ekstrand, Deen Freelon, Barbara G. Friedman, Chad Heartwood, Joe Bob Hester, Steven King, Allison Lazard, Suman Lee, Trevy McDonald, Amanda Reid, Laura A. Ruel, Ryan M. Thornburg.

## Assistant Professors

Shelvia Dancy, Shannon C. McGregor, Lee McGuigan, Erin Siegal McIntyre, Xinyan Zhao.

## Professors of the Practice

Jules Dixon, Michelle LaRoche, Dana McMahan, Peter Sherman.

## Teaching Professors


Valerie K. Fields, Livis Freeman, Scott Geier, Gary Kayye, Nazanin Knudsen.

## Professors Emeriti


Penny M. Abernathy, Richard Beckman, Thomas Bowers, Jane D. Brown, Richard R. Cole, Frank Fee, J. Ferrel Guillory, Robert Lauterborn, Cathy L. Packer, Raleigh C. Mann, Philip Meyer, James J. Mullen, Dan Riffe, Donald Shaw, Richard H. Simpson, Leroy Towns, Ruth Walden, Xinshu Zhao.



## MEJO—Media and Journalism Undergraduate-level

 **MEJO 89. First-Year Seminar: Special Topics. 3 Credits.**  
Special topics course. Contents will vary each semester.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FY-SEMINAR.  
**Grading Status:** Letter grade.

**MEJO 100. Grammar for Journalists. 1 Credits.**

The goal of this course is to teach students basic skills in grammar, punctuation, and spelling and help prepare them for the school's spelling and grammar exam. Students must earn a score of 70 or above on the exam to receive their degree.

### Rules & Requirements

**Grading Status:** Letter grade.

**MEJO 101. The Media Revolution: From Gutenberg to Zuckerberg and Beyond. 3 Credits.**

An introduction to the various facets of communication from the objective world of news media to the persuasive worlds of advertising, public relations, and social media. Developing skills and strengthening knowledge concerning media and communication industries, their content, and their effects on society as well as on individuals.

### Rules & Requirements

**Making Connections Gen Ed:** SS.  
**Grading Status:** Letter grade.

**MEJO 102. Future Vision: Exploring the Visual World. 3 Credits.**

Survey of visual communication tools, techniques, and theories, and how they may be used in all areas of the mass media, present and future. Not open to students who have already taken MEJO 180, 182, or 187.


### Rules & Requirements

**Grading Status:** Letter grade.

 **MEJO 121. Introduction to Digital Storytelling. 3 Credits.**

Restricted to declared journalism majors and minors. Introduces students to the tools and skills needed to engage in quality news-oriented storytelling with audio, video, and multimedia. Students will learn to deliver news stories using multiple platforms, taking advantage of the strengths of each. Previously offered as MEJO 221.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-CREATE.  
**Grading Status:** Letter grade.

 **MEJO 129. Sports Xtra. 3 Credits.**

In this course students will produce a weekly sports highlights, analysis, and commentary program for distribution via social media. Students fill all editorial, field production, and studio production positions. Previously offered as MEJO 429.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-CREATE.  
**Grading Status:** Letter grade.

**MEJO 137. Principles of Advertising and Public Relations. 3 Credits.**

Survey of the economics, philosophy, and history of both fields with emphasis on research, foundations, design, execution, and assessment of strategic communication efforts. Provides an understanding of both disciplines, including historical developments, issues and controversies, best practices, career opportunities, and components of successful advertising and public relations campaigns.


### Rules & Requirements


**Grading Status:** Letter grade.

 **MEJO 141. Media Ethics. 3 Credits.**

Explore what constitutes ethical practices, what interferes with ethical practices, and what emerging ethical issues may challenge the newest generation of professional communicators. Cases involve print, broadcast, and Internet news media; photojournalism; graphic design; public relations; and advertising.


### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-VALUES.  
**Making Connections Gen Ed:** PH.  
**Grading Status:** Letter grade.

 **MEJO 142. Cultural Competency in Journalism and Strategic Communication. 3 Credits.**

This course, recommended to be taken with MEJO 153 or 121, provides foundational concepts and techniques for effective media communication. It uses a critical media literacy approach to foster awareness of how media as structure, practice, and product intersect with diversity, equity, and inclusion issues. Applying course concepts, students will recognize the importance of communicating proficiently with and about various constituencies, and will gain the ability to reflect, remark upon, and shape the public conversation.

### Rules & Requirements

 **IDEAs in Action Gen Ed:** FC-KNOWING or FC-POWER.  
**Grading Status:** Letter grade.

**MEJO 153. Writing and Reporting. 3 Credits.**

A laboratory course that teaches journalistic skills essential to writing across platforms. Practice in using news gathering tools, such as sourcing and interviewing techniques; writing stories, including leads, organization, quotations, and data; editing for grammar, punctuation, brevity, style, and accuracy; and critical thinking about news values and audiences.

### Rules & Requirements

**Making Connections Gen Ed:** CI.  
**Grading Status:** Letter grade.

**MEJO 180. Foundations of Photojournalism. 3 Credits.**

An introductory course in photojournalistic technique and content gathering. Students photograph, edit, and publish assignments, including general news events, sports, feature and portrait assignments, and a picture story.

### Rules & Requirements

**Grading Status:** Letter grade.

**MEJO 182. Foundations of Graphic Design. 3 Credits.**

Principles and practices of design, typography, graphics, and production for visual communication for print and electronic media. Computer graphics and pagination.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 187. Foundations of Interactive Media. 3 Credits.**

Entry-level course in multimedia storytelling that includes modules on theory; the profession; design; content gathering; and editing, programming, publishing, and usability.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 240. Current Issues in Mass Communication. 3 Credits.**

Analysis of the interrelationships between United States mass media and the society that they serve.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 242. From Gutenberg to Google: A History of Media. 3 Credits.**

A historical examination of the changing role of the media professional and forms of media and communication as they have developed in relation to particular social, political, economic, and technological conditions.

**Rules & Requirements**

**Making Connections Gen Ed:** HS.

**Grading Status:** Letter grade.

**MEJO 244. Talk Politics: An Introduction to Political Communication. 3 Credits.**

An overview of political communication issues and an examination of political campaigns for students who intend to practice communication in the public arena and for those interested in political processes.

**Rules & Requirements**

**Making Connections Gen Ed:** SS.

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

**MEJO 245. Sports and the Media. 1 Credits.**

A comprehensive overview of the relationship between sports and the media. Athletes, coaches, and professionals share what goes into producing the sports journalism that we read, listen to, and watch.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **MEJO 252. Audio Journalism. 3 Credits.**

Students learn how to conceive, research, report, and produce audio stories for broadcast on radio and/or streaming on the Web. Students also learn interviewing and reporting techniques that will prepare them for higher-level courses.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-CREATE.

**Grading Status:** Letter grade.

**MEJO 253. Introduction to Public Affairs Reporting. 3 Credits.**

Exercises in news gathering, interviewing, and writing news regardless of the delivery platform.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

 **MEJO 332. Public Relations Writing. 3 Credits.**

Service-learning course provides hands-on practice in developing multiplatform communication tools (print, digital, and social media) used by public relations practitioners. Previously offered as MEJO 232.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Requisites:** Prerequisites, MEJO 137 and 153.

**Grading Status:** Letter grade.

**MEJO 333. Video for Marketing and Public Relations. 3 Credits.**

Introduction to the use of video as a means of communicating with a variety of an organization's publics, both internal and external. Significant emphasis on building professional skills including teamwork, project management, client management, and creative problem solving.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 121.

**Grading Status:** Letter grade.

**MEJO 334. Visual Design for Strategic Communication. 3 Credits.**

Develop visual design skills through analysis and execution of studio projects. Typography, color, imagery, messaging, brand, market strategy, and strategic communication are emphasized. Students learn to problem-solve design and marketing solutions, use professional software, and present and defend creative ideas and work.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 340. Introduction to Media Law: Journalism Focus. 3 Credits.**

Focuses on speech and press freedoms under the First Amendment. Topics include prior restraint, libel, privacy, protection of anonymous sources, free press-fair trial, federal regulation of electronic and new media, freedom of information, intellectual property, and international issues.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

 **MEJO 341. Introduction to Media Law: Advertising, Public Relations, and Strategic Communication Focus. 3 Credits.**

Focuses on speech and related freedoms under the First Amendment. Topics include commercial speech, corporate speech, libel, privacy, regulated commercial communications, federal regulation of electronic and new media, freedom of information, intellectual property, and international issues.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-VALUES.

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

**MEJO 342. The Black Press and United States History. 3 Credits.**

A chronological survey of the African American press in the United States since 1827. Emphasis is on key people and issues during critical areas in the African American experience.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-POWER.

**Making Connections Gen Ed:** HS, US.

**Grading Status:** Letter grade.

**MEJO 349. Introduction to Internet Issues and Concepts. 3 Credits.**

Students develop an understanding of social, legal, political, and other issues related to the use of the Internet. Offered online.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 352. Sports Production and Broadcasting. 3 Credits.**

Students will learn about the production of events, the technical side that makes it happen, and all the business deals behind the scenes that generate billions in revenue. Regular guest speakers will add to the learning environment.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 353. Sports Production and Broadcasting Practicum. 1 Credits.**

Gain hands-on experience in the remote sports TV field by working for UNC Athletics Go Heels Productions on live shows for ACC Network, ESPN3, GoHeels.com, and in-stadium jumbo-tron shows. Learn the production and technical side of the business with experience in camera, replay, graphics, video, producing, directing, and announcing.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 356. Feature Writing. 3 Credits.**

Instruction and practice in writing feature articles for newspapers and magazines. Previously offered as MEJO 256.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

**MEJO 358. Opinion Writing. 3 Credits.**

Practice in writing commentary for all forms of mass communication, from journalism to public relations, no matter the delivery format. Previously offered as MEJO 258.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

**MEJO 371. Advertising Creative. 3 Credits.**

Application of findings from social science research; social responsibility of the copywriter and advertiser; preparation of advertisements for the mass media; research in copy testing. Previously offered as MEJO 271.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 137.

**Grading Status:** Letter grade.

**MEJO 372. Advertising Media. 3 Credits.**

The media-planning function in advertising for both buyers and sellers of media; the relationships among media, messages, and audiences; computer analysis. Previously offered as MEJO 272.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 137.

**Grading Status:** Letter grade.

**MEJO 373. Account Planning. 3 Credits.**

A study of the principles and tools of strategists and account planners all in the pursuit of connecting people with brands in new and interesting ways, with a focus on three areas. First, how to uncover compelling customer, competition, and brand insights through research. Second, how to spark creativity using those insights. Finally, how to persuade, provoke and inspire others through creative briefs, presentations and more.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 374. Communications Consulting. 3 Credits.**

This seminar is a rigorous, case-study approach designed to prepare juniors and seniors for a successful entry into the world of communications and public relations. This course has three areas of focus: 1) the agency as a professional services firm, 2) the client, and 3) the art of the win. Upon completion, students will be better positioned to succeed in an agency environment.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 376. Sports Marketing and Advertising. 3 Credits.**

Examines the range of promotional techniques being used in the modern sports industry. Topics include sponsorships, advertising, merchandising, and the effects of commercialization.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 377. Sports Communication. 3 Credits.**

Permission of the instructor. Examination of organizations involved in the sports communication field, including publishing, team and league media relations, college sports information offices, broadcasting, and advertising.

**Rules & Requirements**

**Grading Status:** Letter grade.

** MEJO 379. Advertising and Public Relations Research. 3 Credits.**

Critical understanding and application of quantitative and qualitative methods used in the strategic planning and evaluation of advertising and public relations campaigns. Course previously offered as MEJO 279.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**MEJO 390. Special Skills in Mass Communication. 1-3 Credits.**

Courses on various skills in journalism-mass communication with subjects and instructors varying each semester. This course satisfies a skills- or craft-course requirement. Descriptions for each section available on the school's Web site under Course Details.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**MEJO 393. Journalism and Media Internship. 1 Credits.**

Students work with media and advertising and public relations firms. Must be taken Pass/Fail only. Restricted to declared journalism majors and minors.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisite, MEJO 153; permission of the instructor for students lacking the prerequisite.

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Pass/Fail.

**Advanced Undergraduate and Graduate-level****MEJO 421. Television News Reporting and Producing. 3 Credits.**

Permission of the instructor. This course covers writing, reporting, and producing television news stories and programs, with emphasis on basic as well as innovative broadcast story forms.

**Rules & Requirements**

**Requisites:** Prerequisites, MEJO 121 and 252.

**Grading Status:** Letter grade.

**MEJO 424. Media Management and Policy. 3 Credits.**

An introduction to media management, generally, and the supervision and motivation of employees, specifically. The course also delves into policy and legal issues impacting modern media operations. It explores the special skills associated with management of media properties in the context of constant change.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 425. Voice and Diction. 3 Credits.**

Designed to help students develop presentation skills and use voices effectively as professional broadcast journalists.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 426. Audio Journalism for Radio and Podcasts. 3 Credits.**

A practicum class in which students work under faculty guidance to produce news stories, features, interviews, sports, and other audio content. Student work is broadcast on "Carolina Connection" – a weekly radio program – and is distributed on iTunes and other digital platforms. Students also have the opportunity to produce their own podcasts in the Carroll Hall studios.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 252.

**Grading Status:** Letter grade.

**MEJO 430. Personal Finance. 3 Credits.**

Learn the concepts of personal finance including mortgages, credit card management, checking accounts, credit ratings and scores, privacy, retirement planning, and stock market investing to help you successfully navigate your finances after graduation. We will explore the concepts of personal finance and also at looking behind the numbers to spot how the consumer might be taken advantage of financially by banking and other institutions.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 432. Cause Communications. 3 Credits.**

This course provides a comprehensive understanding of the role of public relations in the nonprofit realm and a service-learning experience. Students will be introduced to the essential skills and core responsibilities of practicing public relations for the public good. Lectures, case studies, and discussions will be integrated with service-learning experiences in which students apply course concepts to address real concerns and issues of community partners.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**MEJO 433. UX Strategy and Design. 3 Credits.**

Required preparation, a prior or concurrent visual design course, internship, or work experience demonstrating basic graphic design skills. Immersion in experience design (XD) for products and services with a focus on digital user experience (UX), interface design (UI), analytics and marketing strategies. Students use design thinking, research, data, testing, business models, social media, and optimal conversion to engage diverse audiences. Previously offered as MEJO 336.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 435. Public Information Strategies. 3 Credits.**

This course provides a comprehensive assessment and understanding of the role of public relations professionals throughout government and the nonprofit sector as well. The course examines the unique requirements placed on communicators who are simultaneously responsible for representing their respective organizations while keeping the public informed.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 137.

**Grading Status:** Letter grade.

**MEJO 437. Media in Asia. 3 Credits.**

The study of media in Asia, including how news and information are disseminated and used by audiences. Includes a trip to the region as part of the course. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** BN, EE- Study Abroad.

**Requisites:** Prerequisite, MEJO 137 or 153.

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MEJO 438. Advertising in the Age of Alexa. 3 Credits.**

An exploration of established advertising and brand theory and their evolving best practices in response to decades of continuous digital disruption. Through selected readings, engaging discussion, student research, and live interface with some of today's most enlightened, real-world practitioners, we'll investigate how content on powerful platforms shapes both attitudes and behavior, how marketing communications methods have been challenged and discarded, and why fundamental objectives in creating brand-based relationships remain remarkably constant.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 439. Producing for Advertising. 3 Credits.**

This class is designed to enhance your understanding and appreciation for the producers' role in the advertising process. Students will be introduced to terminology, roles, shooting fundamentals, and interpreting the written word as they explore the three stages of filmmaking: preproduction, production, and post-production. Students will also learn what goes into bidding, scheduling, and delivering a completed campaign while also delving into client interfacing, legal, and union/nonunion rules.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 440. Digital Media Law and Society. 3 Credits.**

Explains legal issues raised by Internet communication and guides students in thinking critically about how those issues can be resolved. Reviews how courts, other branches of government, the private sector, and legal scholars have responded to the Internet. Topics may include digital copyright, net neutrality, privacy, and Internet censorship abroad.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 340.

**Grading Status:** Letter grade.

**MEJO 441. Diversity and Communication. 3 Credits.**

An examination of racial stereotypes and minority portrayals in United States culture and communication. Emphasis is on the portrayal of Native Americans, African Americans, Hispanics, and Asian Americans in the mass media.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**MEJO 442. Gender, Class, Race, and Mass Media. 3 Credits.**

The media play a critical role in the construction and contestation of ideas about gender, class, and race. Using a range of methods, students will analyze media messages past and present to understand how gender, race, and class influence media production and consumption.

**Rules & Requirements**

**Making Connections Gen Ed:** SS, US.

**Grading Status:** Letter grade.

**Same as:** WGST 442.

**MEJO 443. Latino Media Studies. 3 Credits.**

An introductory course to the study of United States Latina/os and the media. It analyzes the media portrayal of Latina/os in United States mainstream media. The course also examines media that cater to Latina/os and explores the way in which Latina/o audiences use the multiple media offerings available to them.

**Rules & Requirements**

**Making Connections Gen Ed:** US.

**Grading Status:** Letter grade.

**MEJO 445. Process and Effects of Mass Communication. 3 Credits.**

Mass communication as a social process, incorporating literature from journalism, social psychology, sociology, political science, and history. To acquaint students with factors in message construction, dissemination, and reception by audiences.

**Rules & Requirements**


**Making Connections Gen Ed:** SS.

**Grading Status:** Letter grade.

 **MEJO 446. Global Communication and Comparative Journalism. 3 Credits.**

Covers theories explaining the workings of global and local communication systems, the transnational flow of news, and opportunities and challenges that social media and other new platforms pose to the production and distribution of news. It also familiarizes students with the media communication systems of key countries.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.


**Making Connections Gen Ed:** GL.

**Grading Status:** Letter grade.

 **MEJO 447. Media in the United Kingdom. 3 Credits.**

The study of media in the UK including how news and information are disseminated and used by audiences. Includes a trip to the country as part of the course. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** EE- Field Work, GL.

**Requisites:** Prerequisite, MEJO 137 or 153.

**Grading Status:** Letter grade.

**MEJO 448. Freedom of Expression in the United States. 3 Credits.**

An examination of the development of freedom of expression in the United States within the context of the nation's history.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 449. Blogging, Smart Mobs, and We the Media. 3 Credits.**

For advanced undergraduates through Ph.D. students. Practical and theoretical approaches to understanding, designing, building, and using virtual communities, including studies of network capital, social capital, and social production.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 454. Advanced Feature Writing. 3 Credits.**

Writing and reporting important topics in in-depth feature articles. Discussion and utilization of writing and reporting techniques in order to complete articles for publication or other dissemination. In-depth instruction and critiques of student work.

**Rules & Requirements**

**Requisites:** Prerequisites, MEJO 153 and 356.

**Grading Status:** Letter grade.

**MEJO 455. Creative Sportswriting. 3 Credits.**

Researching and writing sports stories, including game coverage, magazine features, and opinion columns. Students complete reporting and writing exercises inside and outside of the classroom.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 458. Southern Politics: Critical Thinking and Writing. 3 Credits.**

Interpretive-contextual journalism focused on the trends, issues, and politics that influence democracy in North Carolina, the American South, and the nation. Through readings and the practice of analytical journalism, the course explores government policy making, election campaigns, social and economic trends, ethics, and citizen-leader relationships.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **MEJO 459. Community Journalism. 3 Credits.**

Comprehensive study of the community press, including policies, procedures, and issues surrounding the production of smaller newspapers within the context of the community in its social and civic setting.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning, US.

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

**MEJO 463. News Lab: Creating Tomorrow's News Products. 3 Credits.**

Students work under faculty guidance to develop and test an idea for a start-up news product. Students will create a prototype, test it on a target market, and compile a business feasibility report for the product. The course emphasizes collaboration among students with a variety of skills and experiences.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**MEJO 469. Health Communication and Marketing. 3 Credits.**

Forbes magazine projects a crest of increasing employment in healthcare over the next decade. This means the strategic communication skill set is in high demand by hospitals, pharmaceutical companies, healthcare advertising or PR agencies, insurance companies, non-profit organizations, and more. In this course, students will learn about the healthcare sector, explore the patient journey, map stakeholders and influencers, and get hands-on experience with marketing and communications that can help people lead healthier lives.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 471. Advanced Advertising Copywriting. 3 Credits.**

Rigorous, in-depth instruction and critiques of student advertising writing. Permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 475. Concepts of Marketing. 3 Credits.**

Designed to provide the larger business context for students anticipating careers in advertising, public relations, and other media industries, the course teaches the vocabulary and basic concepts of marketing as it will be practiced.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 476. Ethical Issues and Sports Communication. 3 Credits.**

Permission of the instructor. Ethical dilemmas and decisions in the commercialization and coverage of sports, including the influence of television, pressure to change traditions and standards for monetary reasons, and negative influences on athletes.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 477. New Media Technologies: Their Impact on the Future of Advertising, Marketing, and Public Relations. 3 Credits.**

This course will introduce you to the nontraditional, future vision required to be successful in advertising, marketing, and public relations and the more personal, individualized technologies that will grab people's attention in the future.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 478. Media Marketing. 3 Credits.**

Principles and practices of retail advertising in all media, with emphasis on selling, writing, and layout of retail advertising for the print media.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 137.

**Grading Status:** Letter grade.

 **MEJO 479. Market Intelligence. 3 Credits.**

Permission of the instructor. This course helps students learn to make better business decisions by teaching contemporary analytical tools to solve brand and advertising problems. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Grading Status:** Letter grade.

**MEJO 482. Media Design. 3 Credits.**

Detailed study of page layout and graphics techniques for all forms of news media. Permission of the instructor.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 182.

**Grading Status:** Letter grade.

**MEJO 484. Information Graphics. 3 Credits.**

Study and application of graphic design and information-gathering techniques to creating charts, maps, and diagrams.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 182; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**MEJO 485. Publication Design. 3 Credits.**

Detailed study and application of graphic design techniques in magazines, newspapers, advertising, and corporate communication.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 182; pre- or co-requisite, MEJO 153; permission of the instructor.

**Grading Status:** Letter grade.

**MEJO 487. Intermediate Interactive Media. 3 Credits.**

Web programming, graphic design, and storytelling for the Web. Students will use HTML5 CSS3, JavaScript, and other Web publishing languages while learning how to design, storyboard, and script an interactive storytelling project. Students will collect and incorporate photos, text, video, graphics, and database information into interactive multimedia presentations. Previously offered as MEJO 586.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 187.

**Grading Status:** Letter grade.

**MEJO 488. Multimedia Storytelling: Carolina Photojournalism Workshop. 3 Credits.**

The Carolina Photojournalism Workshop has a dual mission: to provide an immersive, real-world learning experience for students, and to create and publish exceptional multimedia content on the culture of North Carolina that can be a resource for people in our state and the world. Previously offered as MEJO 587.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**MEJO 489. Photojournalism, Lighting, and Business Techniques. 3 Credits.**

Students expand their personal photographic vision and professional portfolio by honing their knowledge and skills of studio and location lighting, propping, and styling. Students learn studio and location portraiture and photo illustration and create a photo essay or portrait series. Previously offered as MEJO 181.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 180.

**Grading Status:** Letter grade.

**MEJO 490. Special Topics in Mass Communication. 1-3 Credits.**

Small classes on various aspects of journalism-mass communication with subjects and instructors varying each semester. Descriptions for each section available on the school's Web site under Course Details. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

**MEJO 500. Freelance Fundamentals. 3 Credits.**

Students gain an understanding of the fundamentals of freelancing in the media and journalism industry. The course will utilize online learning tools to offer an introduction to skills and concepts necessary to manage a creative communication production business. MEJO undergraduate and graduate student initially. Open to other majors once courses open to campus wide.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 522. Producing Television News. 3 Credits.**

Permission of the instructor. Students work under faculty guidance to produce "Carolina Week," a television news program, and are responsible for all production tasks such as producing, reporting, anchoring, directing, and others. Previously offered as MEJO 422.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 421.

**Grading Status:** Letter grade.

**MEJO 523. Broadcast News and Production Management. 3 Credits.**

Students participate in a collaborative learning environment to hone skills learned in earlier courses and help less-experienced students acclimate to the broadcast news experience within the school. By invitation only. Previously offered as MEJO 423. Permission of the instructor. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 530. Green Brand Lab. 3 Credits.**

Development and design of creative strategies for green products and good services. Students innovate environmentally sustainable products, services, and processes that lead to brand loyalty and positive impact. Triple bottom line: social, ecological and financial strategies, brand development, advocacy communications, research, data, and storytelling come together to make the world a better place. Course previously offered as MEJO 335.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**MEJO 531. Case Studies in Public Relations. 3 Credits.**

Helps students think as public relations professionals who deal with the demanding, dynamic environment of corporate, government, and nonprofit public relations. Students examine real-world situations and strategies, discussing factors that affect how public relations is practiced in organizations, including identifying stakeholder groups, developing strategies, embracing diversity, and recognizing ethical issues. Previously offered as MEJO 431.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 137.

**Grading Status:** Letter grade.

**MEJO 532. International Public Relations. 3 Credits.**

This course aims to introduce students to the global and international perspectives of public relations. Corporations, governments, and non-government organizations (NGOs) actively seek to build and maintain mutually beneficial relationships with the public in other countries beyond their national boundaries. Public relations agencies serve foreign clients facing a variety of issues and challenges on a global scale. Key literature on international public relations, public diplomacy, global reputation management, and international media relations will be covered.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 533. Crisis Communication. 3 Credits.**

Provides an assessment and understanding of crises, examining the role public relations professionals play in helping organizations use mass communication theories and best practices. Includes media training. Introduces students to areas of crisis research, allowing them to complete the Federal Emergency Management Agency's National Incident Management System certification. Previously offered as MEJO 433.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 137.

**Grading Status:** Letter grade.

**MEJO 537. Washington Experience. 3 Credits.**

This course is an intensive, semester-long course that will introduce students to political communication and organizations and individuals from the Hussman School's vast alumni and friend network. Political communication spans everything from political journalism and public relations to advertising and marketing. The hallmark of the class is a week in Washington D.C. during fall break when students will visit various social media firms, journalism, party, and advocacy organizations, political consultancies, and legislative offices.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 541. Economics Reporting. 3 Credits.**

Permission of the instructor. Coverage of Wall Street and the economy, including stocks, bonds, and economic indicators. Reporting on the Federal Reserve, labor, consumer sector, manufacturing and inflation, and certain industries. Previously offered as MEJO 451.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

**MEJO 542. Business Reporting. 3 Credits.**

Methods and tactics of covering businesses for mass communication. Why and how companies operate and how to write stories about corporate news from public records and other sources. Previously offered as MEJO 452.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

**MEJO 544. Career Exploration and Preparation. 3 Credits.**

This course will provide detailed information about all communications careers, help you discover which careers best suit you, make sure your brand matches your career choice, help you maximize mentor relationships while becoming more effective networkers, and help you better understand all available job search resources. This will essentially be the final step in making sure you look and sound impressive while your portfolios maximize the magnitude of your experience.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 550. Business and the Media. 3 Credits.**

Role of media in United States society and effects on public perceptions of business. Relationship of business press and corporate America. Current issues in business journalism. Previously offered as MEJO 450.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 553. Advanced Reporting. 3 Credits.**

Rigorous, in-depth instruction and critiques of students' news and feature assignments done with different reporting methodologies: interviewing, official records, direct and participant observation, and survey research (the Carolina Poll). Previously offered as MEJO 453.

**Rules & Requirements**

**Requisites:** Prerequisites, MEJO 153 and 253.

**Grading Status:** Letter grade.

**MEJO 557. News Editing. 3 Credits.**

Concentration on the editing of news, including writing of headlines, captions and posts for social media. Students may not receive credit for both MEJO 157 and MEJO 557.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

**MEJO 560. Environmental and Science Journalism. 3 Credits.**

Prepare students to work as environmental and science journalists. The course emphasizes writing skills in all delivery formats and interpreting environmental, science, and medical information for consumers. Previously offered as HBEH 660/HBEH 660H/HPM 550/HPM 550H. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 561. Environmental and Science Video Storytelling. 3 Credits.**

Students work in teams to produce, shoot, script, and report environmental, science, and medical stories for broadcast on "Carolina Week", the award-winning, student-produced television newscast.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 562. Environmental and Science Documentary Television. 3 Credits.**

Students work in teams to conceive, produce, and script mini-documentaries on environmental and science topics for broadcast on North Carolina Public Television.

**Rules & Requirements**

**Grading Status:** Letter grade.



**MEJO 564. Medical and Science Reporting. 3 Credits.**

Required preparation, a second reporting or writing course. Focuses on developing strategies to research and write about medical issues, specifically selecting topics, finding and evaluating sources, and information gathering. Students produce a range of stories, from short consumer pieces to in-depth articles.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 153.

**Grading Status:** Letter grade.

**MEJO 565. Environmental Storytelling. 3 Credits.**

An interdisciplinary course for students interested in environmental issues or journalism to produce stories about environmental issues that matter to North Carolinians. Students learn to identify credible sources, manage substantial amounts of information, and find story focus as they report on technical and often controversial subjects in a variety of media.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** ENEC 565.

**MEJO 569. Behavioral Science in Health Communication. 3 Credits.**

In this course, students are provided with an in-depth understanding of how people make health decisions and what motivates them to act. Then, through discussions, hands-on exercises, and case studies of health campaigns, students learn how to apply behavioral science to identify, dissect, and determine the best communication solutions for some of the most important challenges facing healthcare today.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **MEJO 570. Data Driven Journalism. 3 Credits.**

An introduction to basic statistics and numerical and mathematical literacy, as well as a look at professional data-driven journalism projects. Students who successfully complete this course will be able to acquire, organize, analyze, and present data to a general news audience. Previously offered as MEJO 460.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-QUANT.

**Making Connections Gen Ed:** QI.

**Grading Status:** Letter grade.

**MEJO 571. Social Media Analytics. 3 Credits.**

An introduction to the analysis of textual data using computer programming-based (so-called "Big Data") methods. Students will learn how to use code (or social listening tools) to analyze and visualize large datasets drawn from traditional and/or social media. No prior programming experience is required.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 572. Art Direction in Advertising. 3 Credits.**

This course provides students with finished advertising for their portfolios through visual theory instruction, creative exercises, and strategy application. Previously offered as MEJO 472.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 577. The Branding of Me. 3 Credits.**

What have you done to brand yourself? Students will use YouTube, Twitter, and Facebook in a calculated plan with other new-media marketing tools to land that first job. Previously offered as MEJO 474.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 477.

**Grading Status:** Letter grade.

**MEJO 580. Photo Stories. 3 Credits.**

Advanced course in photojournalism content gathering, history, ethics and storytelling. Students shoot advanced newspaper and magazine assignments and create short multimedia stories combining photography, audio, and video. Previously offered as MEJO 480. Permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 581. User Experience Design and Usability. 3 Credits.**

Theory and practice of user experience design with an emphasis on usability, design theory, aesthetic design, and evaluative methodologies, including analytics and eye tracking research. Permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 582. Advanced Documentary Video Storytelling. 3 Credits.**

Students learn how to gather audio and video content, editing and storytelling techniques, and how to publish these media onto a variety of multimedia platforms. Permission of the instructor.

**Rules & Requirements**

**Requisites:** Prerequisites, MEJO 121 and 180.

**Grading Status:** Letter grade.

**MEJO 583. Advanced Interactive Media. 3 Credits.**

Advanced course in multimedia programming languages that includes designing and building dynamic projects. Permission of the instructor.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 487.

**Grading Status:** Letter grade.

 **MEJO 584. International Projects. 3 Credits.**

Permission of the instructor. Students work on a semester-long documentary multimedia project in an international location that includes photo and video journalists, audio recordists, designers, infographics artists, and programmers. Open by application to students who have completed an advanced course in visual or electronic communication. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** FC-GLOBAL.

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**MEJO 585. 3D Design Studio. 3 Credits.**

The use of 3D design and animation to create visual explanations. Permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 588. Emerging Technologies. 3 Credits.**

This course will introduce students to storytelling with emerging technologies such as Augmented Reality, Virtual Reality, 360 Video, robots, drones, and other new technologies. Students will have the opportunity to learn and work with the latest VR hardware and create experiences for those platforms. Previously offered as MEJO 660.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 589. Motion Graphics. 3 Credits.**

Detailed study and application of motion-graphic techniques that utilize the combination of words, photos, graphics, video, sound, and voice-overs to convey stories for news and entertainment. Students learn Adobe After Effects software and the art of storytelling to enable them to conceptualize and execute digital animations. Previously offered as MEJO 486. Permission of the instructor.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 182.

**Grading Status:** Letter grade.

**MEJO 591. Workroom FashionMash Experiential Design. 3 Credits.**

The course combines a development workshop with a professional industry project, giving students unprecedented access to working creatives, industry trendsetters, and decision makers. In Workroom students will think, write, and execute their creative ideas. Previously offered as MEJO 650.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 592. Workroom FashionMash Product Design. 3 Credits.**

The course combines a development workshop with a professional industry project, giving you unprecedented access to working creatives, industry trendsetters and decision makers. In Workroom you will not simply think and write about your creative ideas, instead, this class is completely focused on execution. Previously offered as MEJO 651.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 596. Individual Study. 3 Credits.**

Permission of the instructor. An individual readings and problems course to be directed by a faculty member in whose field of interest the subject matter lies.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 6 total credits. 2 total completions.

**Grading Status:** Letter grade.

**MEJO 602. Teaching Journalism in the Secondary School. 3 Credits.**

Graduate standing. Readings, discussion, and projects fostering excellence in teaching journalism-mass communication in the high school, from philosophy and practice to professional skills.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 603. Mass Communication Law in the Secondary School. 3 Credits.**

Graduate standing. Application of First Amendment speech and press freedoms to secondary school media, including libel, privacy, access to information, journalistic privilege, prior restraint, advertising and broadcast regulations, and ethical practices.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 604. Mass Communication Writing and Editing in the Secondary School. 3 Credits.**

Graduate standing. High school journalism teachers and advisors learn to teach the skills journalists need to communicate. Emphasis on writing and thinking skills necessary to convert information into clear messages.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 605. Design and Production of Secondary School Publications. 3 Credits.**

Graduate standing. High school journalism teachers and advisors learn to teach the skills journalists need to produce publications. Designed for persons with no background in design. Degree-seeking students may not use both MEJO 182 and 605 to complete degree requirements.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 625. Media Hub. 3 Credits.**

Permission of the department. Students will work together to find, produce, and market stories that would attract the attention of professional media partners throughout the state and region, and at times, the nation. This hands-on course mimics the professional journalist's work environment more than any other class in the school. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Grading Status:** Letter grade.

**MEJO 630. Business News Wire. 3 Credits.**

This course teaches students how a news wire operates. Students will report stories about North Carolina companies on a real-time basis and market those stories to state media via e-mail and a Web site. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 631. Business Journalism Management. 3 Credits.**

Learn how to oversee and manage a business news wire, including distribution of content to media organizations, managing an e-mail newsletter, and handling social media. Also involves some reporting and writing. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 634. Public Relations Campaigns. 3 Credits.**

In this capstone experience, students apply concepts and skills from earlier classes to develop a campaign plan for a client organization. Activities include conducting background and audience research; developing realistic objectives, strategies, tactics, and evaluation plans; producing a portfolio of supporting materials; and pitching the campaign to the client. Previously offered as MEJO 434. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisites, MEJO 332 and 379.

**Grading Status:** Letter grade.

**MEJO 652. Digital Media Economics and Behavior. 3 Credits.**

The course will focus on the changing economics affecting 21st-century news organizations and the economic drivers of other content providers such as music companies, the film industry, online aggregators, and commerce sites for lessons that can be applied across industry segments. Previously offered as MEJO 551. Honors version available.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 653. Leadership in a Time of Change. 3 Credits.**

During a time of fast-paced technological innovation, this course examines the critical strategic choices facing media executives. Students will observe and research a media company that is making the transition, as well as produce a case study on that effort. Previously offered as MEJO 552. Honors version available.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisite, MEJO 452, 475 or 652.

**Grading Status:** Letter grade.

**MEJO 656. Magazine Writing and Editing. 3 Credits.**

Instruction and practice in planning, writing, and editing copy for magazines. Previously offered as MEJO 456.

**Rules & Requirements**

**Requisites:** Prerequisites, MEJO 153 and 356.

**Grading Status:** Letter grade.

**MEJO 670. Digital Advertising and Marketing. 3 Credits.**

This course provides the practical knowledge and insights required to establish digital advertising and marketing objectives and strategies, properly select the earned and paid media platforms, and monitor and measure the results of those efforts. Previously offered as MEJO 470. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 379.

**Grading Status:** Letter grade.

 **MEJO 671. Social Marketing Campaigns. 3 Credits.**

Social marketing is the application of marketing concepts and practices to bring about behavior change for a social good. This course is designed as a service-learning course and fulfills the experiential education requirement. Honors version available.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**MEJO 673. Advertising Campaigns. 3 Credits.**

Planning and executing advertising campaigns; types and methods of advertising research; the economic function of advertising in society. Previously offered as MEJO 473. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 371 or 372.

**Grading Status:** Letter grade.

**MEJO 674. PRSSA Campaigns. 3 Credits.**

This capstone class helps you integrate what you've learned in prior classes and apply those skills in researching, planning, and implementing a public relations plan for a real-world client selected by national PRSSA for the annual Bateman competition. Permission of the instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**MEJO 681. Documentary Projects. 3 Credits.**

Students study the documentary tradition and produce stories within the social documentary genre of photo and video journalism. Students choose a relevant social issue and create a multimedia presentation featuring long-form documentary storytelling. Permission of the instructor. Honors version available.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 580.

**Grading Status:** Letter grade.

**MEJO 683. Magazine Design. 3 Credits.**

Permission of the instructor. Detailed study of page layout and graphics techniques in magazines. Previously offered as MEJO 483.

**Rules & Requirements**

**Requisites:** Prerequisite, MEJO 482.

**Grading Status:** Letter grade.

**MEJO 690. Special Topics in Advertising. 1-3 Credits.**

Courses on special topics in advertising with subjects and instructors varying each semester. Honors version available.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 9 total credits. 3 total completions.

**Grading Status:** Letter grade.

 **MEJO 691H. Introductory Honors Course. 3 Credits.**

Permission of the instructor. Required of all students reading for honors in journalism.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

 **MEJO 692H. Honors Essay. 3 Credits.**

Permission of the instructor. Required of all students reading for honors in journalism.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

## Contact Information

Hussman School of Journalism and Media

Visit Program Website (<http://hussman.unc.edu/>)  
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## Media and Journalism Major, B.A.

The Hussman School of Journalism and Media prepares students for careers in journalism and media by offering an academic program that provides a basic liberal arts education, an understanding of the responsibilities of a free press and the role of free speech in a democratic society, and a fundamental knowledge of journalistic and media techniques and substance.

The philosophy that guides the school is that journalists and communicators must understand the political, social, economic, and cultural forces that operate within society. For this reason, students acquire a background in the humanities, social sciences, and natural sciences while preparing themselves for journalism and media careers.

### Student Learning Outcomes

Upon completion of the media and journalism program, students should be able to:

- Understand and apply the principles and laws of freedom of speech and press, as well as receive instruction in and understand the range of systems of freedom of expression around the world, including the right to dissent, to monitor and criticize power, and to assemble and petition for redress of grievances.
- Demonstrate an understanding of the history and role of professionals and institutions in shaping communications.
- Demonstrate an understanding of gender, race, ethnicity, sexual orientation, and as appropriate, other forms of diversity in domestic society in relation to journalism and media.
- Demonstrate an understanding of the diversity of peoples and cultures and of the significance and impact of communications in a global society.
- Understand concepts and apply theories in the use and presentation of images and information.
- Demonstrate an understanding of professional ethical principles and work ethically in pursuit of truth, accuracy, fairness, and diversity.
- Think critically, creatively and independently.
- Conduct research and evaluate information by methods appropriate to the communications professions in which they work.

- Write correctly and clearly in forms and styles appropriate for the communications professions, audiences, and purposes they serve.
- Critically evaluate their work and that of others for accuracy and fairness, clarity, appropriate style, and grammatical correctness.
- Apply basic numerical and statistical concepts.
- Apply tools and technologies appropriate for the communications professions in which they work.











## Requirements

In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

### Requirements Outside the School

Code	Title	Hours
<b>Government/Politics</b>		
Select one from the following list:		3
POLI 100	 American Democracy in Changing Times <sup>H, F</sup>	
POLI 130	 Introduction to Comparative Politics <sup>H, F</sup>	
POLI 150	 International Relations and Global Politics <sup>H, F</sup>	
POLI 202	The United States Supreme Court	
POLI 203	 Race, Innocence, and the Decline of the Death Penalty	
POLI 205	 Politics in the U.S. States <sup>H</sup>	
<b>Ethical and Civic Values</b>		
Select one from the following list:		3
MEJO 141	 Media Ethics	
PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory <sup>2, H</sup>	
PHIL 163	 Practical Ethics: Moral Reasoning and How We Live <sup>2, H</sup>	
PHIL 170	 Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought <sup>2, H</sup>	
PHIL 272	 The Ethics of Peace, War, and Defense <sup>3</sup>	
<b>Total Hours</b>		<b>6</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

- F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

Students are expected to gain a depth of knowledge of a topic outside the school. Our students typically take 72 - 81 hours outside of media and journalism. Completing another major or minor is encouraged but not required.

Students who wish to complete a second major outside the school and who did not declare the second major before being admitted to the school must download a second-major declaration form from the school's website and email it to UNC Hussman Academic Advising (<http://hussman.unc.edu/ug/studentservices/academicadvising/>). They must then meet with an academic adviser in the College of Arts and Sciences (<https://advising.unc.edu/for-faculty/resources/>) to ensure that they can meet all requirements for the second major.

## Requirements in Both Study Areas

The degree earned is a bachelor of arts in media and journalism. Two areas of study are offered: a concentration in advertising/public relations and a concentration in journalism. Areas of study are not noted on the diploma. Some courses are required for all majors in the school, and each area of study has specific course requirements.

Students must complete a minimum of 39 credits in media and journalism with a grade point average of 2.0 or better. A grade of C- or less in a MEJO course will not be counted in the minimum number of media and journalism credits required for graduation; the course must be retaken if it is required for the major. If the course is not specifically required, then another course that meets the requirement the first course was meeting may be taken in its stead. During a student's senior year, they must complete a capstone course specific to their area of study. MEJO 393 cannot be counted in the minimum of 39 credit hours required but will count in the total 120-credit hours required by the University. Additionally, students must complete a minimum of six credits to satisfy the school's government/politics as well as ethical and civic values requirements. The school will normally accept only six credit hours of media and journalism courses taken at other institutions. The school typically does not accept transfer credit for MEJO 153.

More than perhaps any other field, media and journalism requires a strong foundation in word usage, grammar, punctuation, and other writing skills. Students must score at least 70 percent on the school's usage and grammar examination as a condition for graduation. The examination is administered several times throughout the academic year as well as during the summer.

Students are responsible for monitoring their Tar Heel Tracker and are encouraged to consult with an adviser in the school at least once a semester to ensure that they are on track to fulfill all graduation requirements. Specific information about graduation requirements, advising, registration, and other procedures is also available on the school's website (<http://hussman.unc.edu/>).





The school cannot guarantee that courses needed to satisfy a student's degree requirements will be offered during summer school. Students who plan to complete degree requirements in summer school should be aware that low enrollments sometimes force the school to cancel certain courses or sections during either or both summer sessions.








Please check the course list below or ConnectCarolina (<https://connectcarolina.unc.edu/>) for prerequisite information for MEJO courses.

## Media and Journalism Major, B.A. – Journalism

The journalism curriculum is for students who seek to collect, prepare, and distribute news aimed at informing the public and promoting transparency and accountability in government and society. Students study and can specialize in various content channels including print, broadcast, digital and interactive. Students create work that adheres to ethical principles of accuracy, fairness and responsibility.



Journalism students should take MEJO 121 and MEJO 153 before enrolling in a Level 1, Level 2, or Level 3 course.

Code	Title	Hours
<b>School Core</b>		
MEJO 121	 Introduction to Digital Storytelling <sup>1</sup>	3
MEJO 153	Writing and Reporting <sup>1</sup>	3
MEJO 340	Introduction to Media Law: Journalism Focus (MEJO 153 is a prerequisite)	3
<b>Concentration</b>		
At least two courses from Level 1 <sup>2</sup>		6
MEJO 129	 Sports Xtra	
MEJO 180	Foundations of Photojournalism	
MEJO 182	Foundations of Graphic Design	
MEJO 187	Foundations of Interactive Media	
MEJO 252	 Audio Journalism	
MEJO 253	Introduction to Public Affairs Reporting	
At least two courses from Level 2 <sup>2</sup>		6
MEJO 352	Sports Production and Broadcasting	
MEJO 353	Sports Production and Broadcasting Practicum <sup>5</sup>	
MEJO 356	Feature Writing	
MEJO 358	Opinion Writing	
MEJO 390	Special Skills in Mass Communication (when JRN topic) <sup>6</sup>	
MEJO 421	Television News Reporting and Producing	
MEJO 426	Audio Journalism for Radio and Podcasts	
MEJO 455	Creative Sportswriting	
MEJO 459	 Community Journalism	
MEJO 463	News Lab: Creating Tomorrow's News Products	
MEJO 482	Media Design	
MEJO 484	Information Graphics	
MEJO 487	Intermediate Interactive Media	
MEJO 488	Multimedia Storytelling: Carolina Photojournalism Workshop	
MEJO 489	Photojournalism, Lighting, and Business Techniques	
MEJO 490	Special Topics in Mass Communication (when JRN topic) <sup>4, 7, H</sup>	
At least two courses from Level 3 <sup>3</sup>		6
MEJO 522	Producing Television News	
MEJO 523	Broadcast News and Production Management <sup>H</sup>	
MEJO 541	Economics Reporting	
MEJO 542	Business Reporting	
MEJO 550	Business and the Media <sup>4</sup>	

MEJO 553	Advanced Reporting
MEJO 557	News Editing <sup>3</sup>
MEJO 560	Environmental and Science Journalism <sup>H</sup>
MEJO 565	Environmental Storytelling
MEJO 570	 Data Driven Journalism
MEJO 580	Photo Stories
MEJO 581	User Experience Design and Usability <sup>4</sup>
MEJO 582	Advanced Documentary Video Storytelling
MEJO 583	Advanced Interactive Media
MEJO 584	 International Projects <sup>H</sup>
MEJO 585	3D Design Studio
MEJO 588	Emerging Technologies <sup>4</sup>
MEJO 589	Motion Graphics
<b>Conceptual Courses<sup>2</sup></b>	
Students must also complete two courses (6 hours) from the following list: 6	
MEJO 137	Principles of Advertising and Public Relations
MEJO 141	 Media Ethics
MEJO 242	From Gutenberg to Google: A History of Media
MEJO 244	Talk Politics: An Introduction to Political Communication
MEJO 245	Sports and the Media (1 credit course)
MEJO 342	 The Black Press and United States History
MEJO 372	Advertising Media
MEJO 373	Account Planning
MEJO 374	Communications Consulting
MEJO 376	Sports Marketing and Advertising
MEJO 377	Sports Communication
MEJO 379	 Advertising and Public Relations Research
MEJO 424	Media Management and Policy
MEJO 425	Voice and Diction
MEJO 432	Cause Communications
MEJO 437	Media in Asia <sup>H</sup>
MEJO 438	Advertising in the Age of Alexa
MEJO 439	Producing for Advertising
MEJO 441	Diversity and Communication
MEJO 442	Gender, Class, Race, and Mass Media
MEJO 445	Media Effects on Audiences
MEJO 447	 Media in the United Kingdom <sup>H</sup>
MEJO 448	Freedom of Expression in the United States
MEJO 475	Concepts of Marketing
MEJO 476	Ethical Issues and Sports Communication
MEJO 477	New Media Technologies: Their Impact on the Future of Advertising, Marketing, and Public Relations
MEJO 479	 Market Intelligence <sup>H</sup>
MEJO 490	Special Topics in Mass Communication <sup>4, H</sup>
MEJO 532	International Public Relations
MEJO 533	Crisis Communication
MEJO 537	Washington Experience
MEJO 544	Career Exploration and Preparation

MEJO 550	Business and the Media <sup>4</sup>
MEJO 571	Social Media Analytics
MEJO 572	Art Direction in Advertising
MEJO 577	The Branding of Me
MEJO 581	User Experience Design and Usability <sup>4</sup>
MEJO 588	Emerging Technologies <sup>4</sup>
MEJO 591	Workroom FashionMash Experiential Design
MEJO 592	Workroom FashionMash Product Design
MEJO 596	Individual Study <sup>8</sup>
MEJO 652	Digital Media Economics and Behavior <sup>4, H</sup>
MEJO 653	Leadership in a Time of Change <sup>4, H</sup>
MEJO 670	Digital Advertising and Marketing <sup>H</sup>
MEJO 671	 Social Marketing Campaigns <sup>H</sup>
MEJO 673	Advertising Campaigns <sup>H</sup>
MEJO 691H	 Introductory Honors Course <sup>4</sup>
MEJO 692H	 Honors Essay <sup>4</sup>

**Capstone<sup>2</sup>**

Select one course from the following: 3	
MEJO 625	Media Hub <sup>H</sup>
MEJO 630	Business News Wire <sup>H</sup>
MEJO 631	Business Journalism Management <sup>H</sup>
MEJO 652	Digital Media Economics and Behavior <sup>4, H</sup>
MEJO 653	Leadership in a Time of Change <sup>4, H</sup>
MEJO 656	Magazine Writing and Editing
MEJO 681	Documentary Projects <sup>H</sup>
MEJO 683	Magazine Design
MEJO 691H	 Introductory Honors Course <sup>4</sup>
MEJO 692H	 Honors Essay <sup>4</sup>

**Choice**

Students must take one course of their choosing to satisfy the 39-hour MEJO minimum. This can be any course offered in the school (including conceptual), regardless of level or specific area of study (except MEJO 393). Students are allowed to take several additional courses in the choice category. Doing so will push them past the 39-hour minimum. 3	
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**Total Hours 39**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>1</sup> It is recommended that students take MEJO 153 and MEJO 121 together.

<sup>2</sup> Not all of the courses may be offered every semester.

<sup>3</sup> If you have taken MEJO 157, you can't receive credit for this course.

<sup>4</sup> Courses listed in more than one area may satisfy only one requirement.

<sup>5</sup> MEJO 353 is offered at 1 credit hour. To meet the minimum of 6 hours for Level 2, students must choose an additional Level 2 course.

<sup>6</sup> Satisfies JRN-Level 2, when approved by the senior associate dean for undergraduate studies.

<sup>7</sup> Satisfies JRN-Level 3, when approved by the senior associate dean for undergraduate studies.

<sup>8</sup> Satisfies Conceptual, when approved by the senior associate director for undergraduate studies.

## Media and Journalism Major, B.A.—Advertising/Public Relations Curriculum

The advertising/public relations curriculum is for students who wish to communicate on behalf of organizations, including corporations, government agencies, nonprofit and advocacy groups, and public relations and advertising agencies. Students learn to develop persuasive advertising messages or focus on strategic communication efforts for an organization. Both are pursued within an ethical framework of communication.

Advertising/Public Relations students should take MEJO 121, MEJO 137 and MEJO 153 before taking a Level 2 or Level 3 course.

Code	Title	Hours
<b>School Core</b>		
MEJO 121	 Introduction to Digital Storytelling <sup>1</sup>	3
MEJO 153	Writing and Reporting <sup>1</sup>	3
MEJO 341	 Introduction to Media Law: Advertising, Public Relations, and Strategic Communication Focus (MEJO 153 is a prerequisite)	3
<b>Concentration</b>		
One course from Level 1		3
MEJO 137	Principles of Advertising and Public Relations	
At least three courses from Level 2		9
MEJO 379	 Advertising and Public Relations Research	
Two additional courses from the following list: <sup>2</sup>		
MEJO 332	 Public Relations Writing	
MEJO 334	Visual Design for Strategic Communication	
MEJO 371	Advertising Creative	
MEJO 372	Advertising Media <sup>3</sup>	
MEJO 373	Account Planning <sup>3</sup>	
MEJO 374	Communications Consulting <sup>3</sup>	
MEJO 376	Sports Marketing and Advertising <sup>3</sup>	
MEJO 377	Sports Communication <sup>3</sup>	
MEJO 390	Special Skills in Mass Communication (when AD/PR topic) <sup>4</sup>	
At least two courses from Level 3 <sup>2</sup>		6
MEJO 432	Cause Communications <sup>3</sup>	
MEJO 433	UX Strategy and Design	
MEJO 437	Media in Asia <sup>3, H</sup>	
MEJO 438	Advertising in the Age of Alexa <sup>3</sup>	
MEJO 439	Producing for Advertising <sup>3</sup>	
MEJO 447	 Media in the United Kingdom <sup>3, H</sup>	
MEJO 475	Concepts of Marketing <sup>3</sup>	
MEJO 477	New Media Technologies: Their Impact on the Future of Advertising, Marketing, and Public Relations <sup>3</sup>	
MEJO 479	 Market Intelligence <sup>3, H</sup>	
MEJO 490	Special Topics in Mass Communication (when AD/PR topic) <sup>3, 5, H</sup>	
MEJO 530	Green Brand Lab	

MEJO 531	Case Studies in Public Relations <sup>3</sup>	
MEJO 532	International Public Relations	
MEJO 533	Crisis Communication <sup>3</sup>	
MEJO 544	Career Exploration and Preparation <sup>3</sup>	
MEJO 550	Business and the Media <sup>3</sup>	
MEJO 553	Advanced Reporting (with instructor's approval)	
MEJO 572	Art Direction in Advertising	
MEJO 577	The Branding of Me	
MEJO 591	Workroom FashionMash Experiential Design <sup>3</sup>	
MEJO 592	Workroom FashionMash Product Design <sup>3</sup>	
<b>Conceptual (at least two courses) <sup>2</sup></b>		<b>6</b>
MEJO 141	 Media Ethics	
MEJO 242	From Gutenberg to Google: A History of Media	
MEJO 244	Talk Politics: An Introduction to Political Communication	
MEJO 245	Sports and the Media (1 credit course)	
MEJO 342	 The Black Press and United States History	
MEJO 372	Advertising Media <sup>3</sup>	
MEJO 373	Account Planning <sup>3</sup>	
MEJO 374	Communications Consulting <sup>3</sup>	
MEJO 376	Sports Marketing and Advertising <sup>3</sup>	
MEJO 377	Sports Communication <sup>3</sup>	
MEJO 424	Media Management and Policy	
MEJO 425	Voice and Diction	
MEJO 432	Cause Communications <sup>3</sup>	
MEJO 437	Media in Asia <sup>3, H</sup>	
MEJO 438	Advertising in the Age of Alexa <sup>3</sup>	
MEJO 439	Producing for Advertising <sup>3</sup>	
MEJO 441	Diversity and Communication	
MEJO 442	Gender, Class, Race, and Mass Media	
MEJO 445	Media Effects on Audiences	
MEJO 447	 Media in the United Kingdom <sup>3, H</sup>	
MEJO 448	Freedom of Expression in the United States	
MEJO 475	Concepts of Marketing <sup>3</sup>	
MEJO 476	Ethical Issues and Sports Communication	
MEJO 477	New Media Technologies: Their Impact on the Future of Advertising, Marketing, and Public Relations <sup>3</sup>	
MEJO 479	 Market Intelligence <sup>3, H</sup>	
MEJO 490	Special Topics in Mass Communication <sup>3, H</sup>	
MEJO 531	Case Studies in Public Relations <sup>3</sup>	
MEJO 532	International Public Relations <sup>3</sup>	
MEJO 533	Crisis Communication <sup>3</sup>	
MEJO 537	Washington Experience	
MEJO 544	Career Exploration and Preparation <sup>3</sup>	
MEJO 550	Business and the Media	
MEJO 571	Social Media Analytics	
MEJO 572	Art Direction in Advertising <sup>3</sup>	
MEJO 577	The Branding of Me <sup>3</sup>	
MEJO 581	User Experience Design and Usability <sup>3</sup>	
MEJO 588	Emerging Technologies <sup>3</sup>	
MEJO 591	Workroom FashionMash Experiential Design <sup>3</sup>	

MEJO 592	Workroom FashionMash Product Design <sup>3</sup>	
MEJO 596	Individual Study	
MEJO 652	Digital Media Economics and Behavior <sup>3, H</sup>	
MEJO 653	Leadership in a Time of Change <sup>3, H</sup>	
MEJO 670	Digital Advertising and Marketing <sup>3, H</sup>	
MEJO 671	 Social Marketing Campaigns <sup>3, H</sup>	
MEJO 673	Advertising Campaigns <sup>3, H</sup>	
MEJO 691H	 Introductory Honors Course <sup>3</sup>	
MEJO 692H	 Honors Essay <sup>3</sup>	
<b>Capstone<sup>2</sup></b>		
At least one course		3
MEJO 625	Media Hub (with instructor's approval) <sup>H</sup>	
MEJO 634	Public Relations Campaigns <sup>H</sup>	
MEJO 652	Digital Media Economics and Behavior <sup>3, H</sup>	
MEJO 653	Leadership in a Time of Change <sup>3, H</sup>	
MEJO 670	Digital Advertising and Marketing <sup>3, H</sup>	
MEJO 671	 Social Marketing Campaigns <sup>3, H</sup>	
MEJO 673	Advertising Campaigns <sup>3, H</sup>	
MEJO 674	PRSSA Campaigns	
MEJO 690	Special Topics in Advertising <sup>H</sup>	
MEJO 691H	 Introductory Honors Course <sup>3</sup>	
MEJO 692H	 Honors Essay <sup>3</sup>	
<b>Choice</b>		
Students must take one course of their choosing to satisfy the 39-hour MEJO minimum. This can be any course offered in the school, regardless specific area of study (except MEJO 393). Students are allowed to take several additional courses in the choice category. Doing so will push them past the 39-hour minimum.		3
<b>Total Hours</b>		<b>39</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Special Opportunities in Media and Journalism

### Honors in Media and Journalism

An honors program is available to students who have demonstrated their ability to perform distinguished work. Invitation to the senior-level honors courses (MEJO 691H and MEJO 692H) is based upon a grade point average of 3.5 or better in the major and 3.3 overall, recommendation by a faculty member in the school, and approval by the director of the honors program. Students successfully completing the program graduate with honors or with highest honors.

### Student Involvement

Students are encouraged to work on campus publications and programs such as *The Daily Tar Heel*, *Black Ink*, and the Her Campus website (<https://www.hercampus.com/school/chapel-hill/>), among others. The school also offers a number of opportunities to gain professional experience including "Carolina Week," "Carolina Connection," "Sports Xtra," Reese Innovation Lab, and Heelprint Communications. Students are also encouraged to join appropriate professional organizations, including campus chapters of the Society of Professional Journalists,

American Advertising Federation, Public Relations Student Society of America, Carolina Association of Black Journalists (affiliated with the National Association of Black Journalists), Radio Television Digital News Association, Society for News Design, National Press Photographers Association, Carolina Association of Future Magazine Editors, National Association of Hispanic Journalists, and SABEW.

### Internships

The school strongly encourages students to obtain internships because they provide invaluable professional experience. Reporting, advertising, photo and video journalism, graphic design, broadcast news, public relations, business, and other internships are possible. Majors can enroll in MEJO 393 to receive internship credit (one credit hour, repeatable three times). MEJO 393 fulfills the experiential education General Education requirement (in the Making Connections curriculum). The school's career services staff oversees internship credit. MEJO 393 cannot be counted in the minimum of 39 credit hours required by the school, but it will count in the total 120 credit hours required by the University. MEJO 153 is a prerequisite.

### Study Abroad

Students are encouraged to study abroad. In addition to the programs available to all UNC students through the UNC Study Abroad Office, the school has its own study abroad exchanges with top media and journalism schools in Argentina, Chile, Hong Kong, London, and Spain. Students should consult with the school's study abroad advisors (located in the Undergraduate Hub in Carroll Hall) to determine any media and journalism course credit prior to the study abroad term.

### Undergraduate Scholarships

Many special scholarships and awards are available to media and journalism majors and to students transferring into the school. For information, see the school's website (<http://hussman.unc.edu/funding/>).

### Undergraduate Research

Some undergraduates participate in research through a research pool that assists faculty members in their research and creative activities, through independent studies with faculty members to work on specific projects, and through the school's honors program, which engages the student in substantive research that culminates in a thesis in the senior year.

## Department Programs

### Majors

- Media and Journalism Major, B.A (p. 1116).

### Minor

- Media and Journalism Minor (p. 1121)

### Certificate Programs

- Certificate Programs in Media and Journalism (p. 1122)

### Graduate Programs

- M.A. in Digital Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)
- M.A. in Media and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)



- Ph.D. in Media and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)

<sup>2</sup> Level 1, Level 2, and Level 3 course lists are included in the Advertising/Public Relations Curriculum for the Media and Journalism major (p. 1116).

## Contact Information

### Hussman School of Journalism and Media

Visit Program Website (<http://hussman.unc.edu/>)

Carroll Hall, CB# 3365  
(919) 962-1204

#### Dean

Raul Reis

#### Senior Associate Dean for Graduate Studies

Heidi Hennink-Kaminski  
h2kamins@email.unc.edu

#### Senior Associate Dean for Undergraduate Studies

Charlie Tuggle  
catuggle@email.unc.edu

#### Senior Director of Undergraduate Program

Stacy Outlaw  
stacy.outlaw@unc.edu

#### Director, Academic Advising & Student Engagement

Sharon Jones  
shjones@email.unc.edu

## Media and Journalism Minor

Students from outside the school may earn a minor in media and journalism. Areas of study in advertising/public relations and journalism are available. Preference is given to students who have already taken multiple journalism and media courses.

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Students must choose one of the following areas of study and complete at least 15 credit hours with C grades or better in MEJO courses taken at UNC–Chapel Hill. Students are required to meet any prerequisite for the course they select.



Minors are not required to pass the school's usage and grammar exam.

## Advertising/Public Relations

Code	Title	Hours
MEJO 137	Principles of Advertising and Public Relations	3
4 additional MEJO courses chosen from Level 1, Level 2, or Level 3 as listed in the major. <sup>1,2</sup>		12
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> MEJO 153 may substitute for one course.

## Journalism

Code	Title	Hours
MEJO 153	Writing and Reporting	3
or MEJO 252	 Audio Journalism	
MEJO 141	 Media Ethics	3
or MEJO 340	Introduction to Media Law: Journalism Focus	
3 additional MEJO courses chosen from Level 1, Level 2, or Level 3 as listed in the major <sup>1</sup>		9
<b>Total Hours</b>		<b>15</b>

<sup>1</sup> Level 1, Level 2, and Level 3 course lists are included in the Journalism Curriculum for the Media and Journalism major (p. 1116).

See the program page here (p. 1116) for special opportunities.

## Department Programs

### Majors

- Media and Journalism Major, B.A (p. 1116).

### Minor

- Media and Journalism Minor (p. 1121)

### Certificate Programs

- Certificate Programs in Media and Journalism (p. 1122)

### Graduate Programs

- M.A. in Digital Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)
- M.A. in Media and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)
- Ph.D. in Media and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)

## Contact Information

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#### Senior Director of Undergraduate Program

Stacy Outlaw

stacy.outlaw@unc.edu

**Director, Academic Advising & Student Engagement**

Sharon Jones

shjones@email.unc.edu


## Certificate Programs in Media and Journalism

A certificate signifying a concentration of three or more courses in a related field of study is noted on a student's transcript. A limited number of students (within and outside the school) are admitted to each program.

### Certificate in Business Journalism

The certificate in business journalism is offered for students within and outside the school interested in a career in business reporting or editing as well as for students interested in careers in corporate communication and corporate advertising. Students must complete three courses (nine credit hours) to receive the certificate.

Additional information, including application and program requirements, can be found on the school's website (<http://hussman.unc.edu/ug/special-programs/#CERT>).


Code	Title	Hours
Select three courses from the following list:		
MEJO 541	Economics Reporting	9
MEJO 542	Business Reporting	
MEJO 550	Business and the Media	
MEJO 570	 Data Driven Journalism	
MEJO 571	Social Media Analytics	
MEJO 630	Business News Wire <sup>H</sup>	
MEJO 631	Business Journalism Management <sup>H</sup>	
MEJO 652	Digital Media Economics and Behavior <sup>H</sup>	
<b>Total Hours</b>		<b>9</b>

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

### Certificate in Sports Communication

The program, aimed at leading the nation in educating young practitioners about important issues of sports in the United States and beyond, provides courses about sports and the media, offers internships and scholarships for students, and brings visiting lecturers to the school.

Additional information, including application and program requirements, can be found on the school's website (<http://hussman.unc.edu/ug/special-programs/#CERT>).

Code	Title	Hours
Complete three of the following six courses:		
MEJO 129	 Sports Xtra	9
MEJO 352	Sports Production and Broadcasting	
MEJO 376	Sports Marketing and Advertising	
MEJO 377	Sports Communication	
MEJO 455	Creative Sportswriting	

MEJO 476 Ethical Issues and Sports Communication

**Total Hours****9**

## Certificate in Health Communication and Marketing

This three-course certificate program prepares UNC Hussman undergraduate students majoring in advertising and public relations for careers in the healthcare industry - including jobs in the pharmaceutical, hospital, health insurance, agency, non-profit organizations and public health sectors. Students will develop subject matter expertise and interact with industry representatives, receiving a competitive advantage when entering the job market upon graduation.

Students should apply for the certificate program in their sophomore or junior years, in time to participate in an internship for the summer before their senior year.

Additional information, including application and program requirements, can be found on the school's website (<http://hussman.unc.edu/ug/special-programs/#CERT>).

Code	Title	Hours
<b>Requirements</b>		
MEJO 469	Health Communication and Marketing	3
MEJO 569	Behavioral Science in Health Communication	3
MEJO 669	Health Marketing Capstone	3
<b>Total Hours</b>		<b>9</b>

## Department Programs

### Majors

- Media and Journalism Major, B.A (p. 1116).

### Minor

- Media and Journalism Minor (p. 1121)

### Certificate Programs

- Certificate Programs in Media and Journalism (p. 1122)

### Graduate Programs

- M.A. in Digital Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)
- M.A. in Media and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)
- Ph.D. in Media and Communication (<http://catalog.unc.edu/graduate/schools-departments/media-journalism/#programstext/>)

## Contact Information

### Hussman School of Journalism and Media

Visit Program Website (<http://hussman.unc.edu/>)

Carroll Hall, CB# 3365

(919) 962-1204

### Dean

Raul Reis

### Senior Associate Dean for Graduate Studies

Heidi Hennink-Kaminski

h2kamins@email.unc.edu

#### Senior Associate Dean for Undergraduate Studies

Charlie Tuggle

catuggle@email.unc.edu

#### Senior Director of Undergraduate Program

Stacy Outlaw

stacy.outlaw@unc.edu

#### Director, Academic Advising & Student Engagement

Sharon Jones

shjones@email.unc.edu

## School of Medicine

WESLEY BURKS, *Dean*

Stephen R. Hooper, *Associate Dean and Chair, Department of Health Sciences*

The Department of Health Sciences in the UNC School of Medicine offer two professional majors to undergraduate students: the bachelor of science degree with a major in clinical laboratory science (p. 1126) and the bachelor of science degree with a major in radiologic science (p. 1133). Students must apply for admission to these programs, usually in the sophomore year; admission is competitive. Following completion of the first two years' work in the University's General College, admitted students complete their final two years in clinical laboratory science or radiologic science.

In addition, the Division of Speech and Hearing Sciences offers a minor in speech and hearing sciences (p. 1136) for undergraduate students interested in pursuing a graduate degree in speech-language pathology or audiology.

### Divisions

- Clinical Laboratory Science (p. 1123)
- Radiologic Science (p. 1129)
- Speech and Hearing Sciences (p. 1135)

#### Majors

- Clinical Laboratory Science, B.S. (p. 1126)
- Radiologic Science, B.S. (p. 1133)

#### Minor

- Speech and Hearing Sciences (p. 1136)

## Division of Clinical Laboratory Science

### Introduction

Clinical laboratory science (CLS), also called "medical laboratory science," is the health profession that provides laboratory information and services needed for the diagnosis and treatment of disease. The field of clinical laboratory science combines many sciences, including microbiology, hematology, chemistry, molecular biology and immunology. Clinical laboratory scientists perform a variety of laboratory tests, ensure the accuracy of the test results, explain the significance of laboratory test results, and evaluate new methods for laboratory tests. Some of the tests

performed in the clinical laboratory are relatively simple. Others, such as DNA analysis and flow cell cytometry, are complex and require extensive education.

Examples of laboratory tests performed by clinical laboratory scientists include

- Detection of the abnormal cells that cause leukemia
- Analysis of cardiac enzyme activity released during a heart attack
- Identification of the type of bacteria causing an infection
- Analysis of the coagulation factors in cases of abnormal bleeding
- Detection of blood group antibodies that cause transfusion reactions
- Analysis of genetic markers for cystic fibrosis
- Typing patients for histocompatibility matches prior to transplantation

### Admission to the Program

A maximum of 20 students are chosen for admission each year. Students are selected on the basis of science and mathematics prerequisite courses, grades, a written application, interviews, and letters of recommendation. Successful completion of the prerequisite courses listed under the major does not guarantee admission to the program. Because enrollment is limited, students are encouraged to begin the application process early in the fall preceding the year of enrollment. The first deadline for completed applications is the second Tuesday in January. Completed applications received after that deadline will be considered for admission if positions are available in the program.

Students are subject to the requirements in place when they are admitted to this program; consequently, the requirements described in this catalog particularly apply to students admitted during the 2023–2024 academic year.

### Advising

First-year and sophomore students interested in the clinical laboratory science (CLS) major have a primary academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The director of the Division of Clinical Laboratory Science is available to meet with current and prospective majors by appointment (see contact information above). The Division of Clinical Laboratory Science provides academic advising for students who are enrolled in the program. Further information on the curriculum may be obtained from the division's website (<https://www.med.unc.edu/ahs/clinical/>).

### Facilities

The laboratory facility for first-year clinical laboratory science courses includes individualized work areas with reagents, supplies, and laboratory instruments for students. In senior courses, students develop their skills in state-of-the-art clinical laboratory facilities.

### Graduate School and Career Opportunities

Clinical laboratory science provides a basis for a broad range of future endeavors. Graduates with a B.S. degree in clinical laboratory science can elect to pursue further study in medicine, dentistry, veterinary medicine, business or management, hospital administration, computer science, education, clinical chemistry, clinical microbiology, immunology, or another laboratory science area. The Division of Clinical Laboratory Science also offers a master's degree in clinical laboratory science.

Clinical laboratory scientists are employed in hospital laboratories, commercial laboratories, physicians' office laboratories, research institutes, clinical trials, and forensic laboratories. Clinical laboratory scientists also may be employed as technical or sales representatives for corporations. Graduates of the program are very successful on national certification exams and enjoy high employment rates. See the alumni section of the website (<https://www.med.unc.edu/ahs/clinical/>) for examples of careers in clinical laboratory science.

### Major

- Clinical Laboratory Science Major, B.S. (p. 1126)

## Professor

Tara C. Moon.

## Assistant Professors

Bai Li, Shawn Luby, Laine Stewart, Sara Taylor, Susan Taylor.

## Laboratory Manager

Kristine Barnette.

## CLSC—Clinical Laboratory Science Undergraduate-level

### CLSC 150. Current Topics in Clinical Laboratory Medicine. 1 Credits.

A survey of topics in laboratory medicine including transfusions, forensic science, infectious diseases, and hematologic diseases.

#### Rules & Requirements

**Grading Status:** Pass/Fail.

### Advanced Undergraduate and Graduate-level

#### CLSC 410. Laboratory Mathematics. 1 Credits.

Permission of the instructor for nonmajors. Basic mathematical principles, calculations, quality assurance, and method validation relevant to the clinical laboratory.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 410L. Basic and Molecular Laboratory Methods. 2 Credits.

Majors only. Basic skills associated with the clinical laboratory including pipetting, spectrophotometry, standard curves, dilutions, and immunoassays. Molecular methods include small volume pipetting, microwell plating, nucleic acid extraction, and PCR techniques.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 420. Urinalysis and Body Fluids. 1 Credits.

Permission of the instructor for nonmajors. The physical, chemical, and microscopic analysis of body fluids in the clinical laboratory with an emphasis on correlation of laboratory data.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 420L. Urinalysis Laboratory. 1 Credits.

For Clinical Laboratory Science majors only. The physical, chemical, and microscopic examination of urine with an emphasis on the correlation of laboratory data.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 430. Biochemistry. 3 Credits.

Permission of the instructor for nonmajors. Physiological biochemistry of the metabolic pathways and alterations in selected diseases. Also includes principles and applications of molecular techniques in the clinical laboratory.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 440. Hematology I. 2 Credits.

Permission of the instructor for nonmajors. Introduction to normal hematopoiesis, blood cell function and identification, hematologic tests, principles of hemostasis, and hemostasis disorders.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 440L. Hematology I Laboratory. 1 Credits.

Permission of the instructor for nonmajors. Basic clinical assays for identification and evaluation of erythrocytes, leukocytes, and platelets with an emphasis on microscopy. Also includes coagulation testing.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 442. Hematology II. 3 Credits.

Majors only. Hematologic disorders involving erythrocytes and leukocytes, with an emphasis on the analysis and interpretation of laboratory data.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 442L. Hematology II Laboratory. 1 Credits.

Majors only. Microscopic identification and evaluation of abnormal erythrocyte and leukocyte morphology, correlation with other laboratory data, and clinical interpretation.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 450. Immunology. 3 Credits.

Permission of the instructor for nonmajors. Basic immunology and serology. Innate and immune body defenses. The development and properties of cellular and humoral elements and their alterations in pathological and other conditions.

#### Rules & Requirements

**Grading Status:** Letter grade.

#### CLSC 460. Special Pathogens. 2 Credits.

Permission of the instructor for nonmajors. Study of clinically significant fungi, parasites, and atypical or unusual bacteria. Correlation of disease, disease transmission, mechanisms of pathogenicity, and diagnostic testing.

#### Rules & Requirements

**Grading Status:** Letter grade.

**CLSC 460L. Parasitology and Mycology Laboratory. 1 Credits.**

Permission of the instructor for nonmajors. Clinical laboratory diagnostic methods for human parasitic and fungal infections. Microscopic morphology of fungal organisms and parasites, including their various life cycle forms.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CLSC 462. Clinical Bacteriology. 3 Credits.**

Majors only. Principles and practice of clinical bacteriology. Study of medically significant bacteria with correlation of human disease, mechanisms of bacterial pathogenicity, and laboratory diagnostics.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CLSC 462L. Clinical Bacteriology Laboratory. 2 Credits.**

Majors only. A comprehensive course describing bacteria that infect humans. Correlation of diseases and pathological mechanisms of bacteria.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CLSC 470. Clinical Chemistry. 3 Credits.**

Majors only. An introduction to the methods of analysis used in the clinical chemistry laboratory. Emphasis on the correlation of chemistry laboratory values with disease states.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CLSC 470L. Clinical Chemistry Laboratory. 2 Credits.**

Majors only. Performance of clinical laboratory assays for significant biochemical molecules. Principles of analysis, quality control, method evaluation, and basic laboratory instrumentation are presented.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CLSC 480. Immunohematology. 3 Credits.**

Majors only. Introduction to blood group serology with an emphasis on the major blood group systems, pretransfusion testing, and antibody identification.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CLSC 480L. Immunohematology Laboratory. 2 Credits.**

Majors only. Laboratory techniques for red cell typing, antibody identification, and pretransfusion testing.

**Rules & Requirements**

**Grading Status:** Letter grade.

**CLSC 540L. Clinical Hematology Laboratory. 4 Credits.**

Majors only. Laboratory rotation in clinical hematology.

**Rules & Requirements**

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisite, CLSC 440.

**Grading Status:** Letter grade.

**CLSC 542L. Clinical Hemostasis Laboratory. 2 Credits.**

Majors only. Laboratory rotation in clinical coagulation.

**Rules & Requirements**

**Requisites:** Prerequisite, CLSC 440.

**Grading Status:** Letter grade.

**CLSC 550L. Clinical Immunology Laboratory. 1 Credits.**

Majors only. Laboratory rotation in clinical immunology.

**Rules & Requirements**

**Requisites:** Prerequisite, CLSC 450.

**Grading Status:** Letter grade.

**CLSC 560L. Clinical Microbiology Laboratory. 4 Credits.**

Majors only. Laboratory rotation in clinical microbiology.

**Rules & Requirements**

**Requisites:** Prerequisite, CLSC 462.

**Grading Status:** Letter grade.

**CLSC 570L. Clinical Chemistry Laboratory Rotation. 4 Credits.**

Majors only. Laboratory rotation in clinical chemistry.

**Rules & Requirements**

**Requisites:** Prerequisite, CLSC 470.

**Grading Status:** Letter grade.

 **CLSC 580L. Clinical Immunohematology Laboratory. 4 Credits.**

Laboratory rotation in clinical immunohematology. Majors only.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, CLSC 480 and 480L.

**Grading Status:** Letter grade.

**CLSC 582L. Clinical Transplantation Medicine Laboratory. 1 Credits.**

Majors only. Clinical rotation in histocompatibility, flow cytometry, and hematopoietic progenitor cell laboratories.

**Rules & Requirements**

**Requisites:** Prerequisite, CLSC 480.

**Grading Status:** Letter grade.

**CLSC 620. Clinical Laboratory Management. 2 Credits.**

Majors only. Foundation in the technical and nontechnical aspects of supervision and management of clinical laboratory testing.

**Rules & Requirements**

**Grading Status:** Letter grade.

 **CLSC 630. Research Methods in Clinical Laboratory Science. 2 Credits.**

Majors only. An overview of the knowledge of research design and methods commonly used in the clinical laboratory research arena, providing the basis for the critical examination of professional literature.

**Rules & Requirements**

 **IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** CI.

**Grading Status:** Letter grade.

**CLSC 670. Clinical Laboratory Science Educational Methods. 2****Credits.**

Majors only. Introduction to the basic principles of clinical laboratory education, including objectives, learning formats, test development, and clinical teaching.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** COMMBEYOND.

**Grading Status:** Letter grade.

**CLSC 695. Undergraduate Research in Clinical Laboratory Science. 3****Credits.**

This mentored and self-directed course provides students with research experience in the clinical laboratory field. Students will apply knowledge of research methods to generate results and communicate results to others. This is a clinical laboratory science elective course. Seniors only.

**Rules & Requirements**

**Requisites:** Prerequisite, CLSC 630 or CLSC 730.

**Grading Status:** Pass/Fail.

## Contact Information

**Division of Clinical Laboratory Science**

Visit Program Website (<http://www.med.unc.edu/ahs/clinical/>)

Suite 4100 Bondurant Hall, CB# 7145

(919) 966-3011

**Director**

Tara Moon

[tara\\_moon@med.unc.edu](mailto:tara_moon@med.unc.edu)

**Student Services Specialist**

Tamara Mesko

[tamara\\_mesko@med.unc.edu](mailto:tamara_mesko@med.unc.edu)

## Clinical Laboratory Science Major, B.S.

Clinical laboratory science (CLS), also called “medical laboratory science,” is the health profession that provides laboratory information and services needed for the diagnosis and treatment of disease. The field of clinical laboratory science combines many sciences, including microbiology, hematology, chemistry, molecular biology and immunology. Clinical laboratory scientists perform a variety of laboratory tests, ensure the accuracy of the test results, explain the significance of laboratory test results, and evaluate new methods for laboratory tests. Some of the tests performed in the clinical laboratory are relatively simple. Others, such as DNA analysis and flow cell cytometry, are complex and require extensive education.

Admission (p. 1123) to the program is required.

## Student Learning Outcomes

Upon completion of the Clinical Laboratory Science program, students should be able to:

- Perform and evaluate pre-analytical, analytical, and post-analytical procedures to ensure the quality of laboratory results
- Perform laboratory tests, analyze and verify results, and resolve common problems in all the major areas of the clinical laboratory

- Explain the principles and methods used in laboratory tests in all major areas of the clinical laboratory
- Explain the clinical significance of laboratory procedures in diagnosis and treatment of disease and maintenance of health
- Correlate information from different laboratory departments to verify results or resolve problems
- Evaluate patient results and suggest or select appropriate additional testing
- Determine the priority of laboratory requests and arrange the workload for optimal patient care and efficiency
- Obtain acceptable blood samples for laboratory tests using standard phlebotomy procedures
- Use quality assurance principles and practices to ensure the accuracy and reliability of laboratory information
- Perform preventive and corrective maintenance of equipment and instruments
- Use the principles of method evaluation to select new techniques and instruments
- Explain and apply the major principles and practices of laboratory administration, supervision, and budgeting
- Explain and apply principles of effective test utilization
- Comply with all standard safety regulations and monitor changes in safety regulations
- Use educational methods to present information and develop instructional materials
- Use computer systems to produce documents, research information, communicate with others, and enter and retrieve laboratory information
- Apply principles of management to the acquisition and evaluation of laboratory information systems
- Communicate effectively with laboratory personnel, other health care professionals, patients, and the public
- Demonstrate professional conduct and interpersonal skills with patients, laboratory personnel, other health care professionals, and the public
- Demonstrate ethical standards in all matters related to medical information and patient care

## Requirements









In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The schedule of academic work for clinical laboratory science majors includes the following General Education requirements. Students must complete all First-Year Foundation requirements, all Reflection & Integration requirements, and complete at least six Focus Capacity requirements as part of the IDEAs in Action General Education

curriculum. In addition, the following prerequisite courses must be completed before entering the Clinical Laboratory Science program:




Code	Title	Hours
<b>Additional Requirements</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
A second biology course (BIOL 202 or BIOL 103 is highly recommended)		3-4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>F</sup>	4
CHEM 102 & 102L	 General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
CHEM 241	Modern Analytical Methods for Separation and Characterization <sup>H</sup>	3
CHEM 241L	Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds	1
One of the following:		3-4
MATH 130	 Precalculus Mathematics <sup>F</sup>	
MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	
STOR 151	 Introduction to Data Analysis	
<b>Total Hours</b>		<b>22-24</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

After admission (p. 1129) to the CLS program, students take courses in all the major areas of clinical laboratory science including clinical chemistry, hematology, hemostasis, microbiology, transfusion medicine, and transplantation medicine. Senior students rotate through the clinical laboratories at UNC Hospitals and other laboratories in the state. They also take advanced courses in the clinical laboratory sciences. Honors contracts are available for students in the Honors program.

Code	Title	Hours
<b>Core Requirements</b>		
CLSC 410	Laboratory Mathematics	1
CLSC 410L	Basic and Molecular Laboratory Methods	2
CLSC 420	Urinalysis and Body Fluids	1
CLSC 420L	Urinalysis Laboratory	1
CLSC 430	Biochemistry	3
CLSC 440	Hematology I	2
CLSC 440L	Hematology I Laboratory	1
CLSC 442	Hematology II	3
CLSC 442L	Hematology II Laboratory	1
CLSC 450	Immunology	3
CLSC 460	Special Pathogens	2
CLSC 460L	Parasitology and Mycology Laboratory	1

CLSC 462	Clinical Bacteriology	3
CLSC 462L	Clinical Bacteriology Laboratory	2
CLSC 470	Clinical Chemistry	3
CLSC 470L	Clinical Chemistry Laboratory	2
CLSC 480	Immunohematology	3
CLSC 480L	Immunohematology Laboratory	2
CLSC 540L	Clinical Hematology Laboratory	4
CLSC 542L	Clinical Hemostasis Laboratory	2
CLSC 550L	Clinical Immunology Laboratory	1
CLSC 560L	Clinical Microbiology Laboratory	4
CLSC 570L	Clinical Chemistry Laboratory Rotation	4
CLSC 580L	 Clinical Immunohematology Laboratory	4
CLSC 582L	Clinical Transplantation Medicine Laboratory	1
CLSC 620	Clinical Laboratory Management	2
CLSC 630	 Research Methods in Clinical Laboratory Science	2
CLSC 670	 Clinical Laboratory Science Educational Methods	2

**Total Hours** **62**





## Sample Plan of Study

Sample plans can be used as a guide to identify the courses required to complete the major and other requirements needed for degree completion within the expected eight semesters. The actual degree plan may differ depending on the course of study selected (second major, minor, etc.). Students should meet with their academic advisor to create a degree plan that is specific and unique to their interests. The sample plans represented in this catalog are intended for first-year students entering UNC–Chapel Hill in the fall term. Some courses may not be offered every term.

In the first and sophomore years, clinical laboratory science majors satisfy General Education requirements and take a basic science curriculum comparable to that of other science students. In the sophomore year, students apply for admission (p. 1123) into the final two years of the program.

The junior year includes courses that cover the principal areas of clinical laboratory science. Students also learn and practice laboratory techniques in a student laboratory. Senior students rotate through the clinical laboratories at UNC Hospitals and other laboratories in the state. They also take advanced courses in the clinical laboratory sciences.

The suggested course sequence for the required preclinical laboratory science courses at UNC–Chapel Hill is listed below. Transfer students receiving placement credit may have a slightly different sequence.

First Year	Hours
<b>Fall Semester</b>	
IDST 101  College Thriving	1
CHEM 101 & 101L  General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I (C- or better required) <sup>1, F</sup>	4
ENGL 105  English Composition and Rhetoric	3
Global language level 1	3
One of the following:	3

MATH 130	Precalculus Mathematics <sup>1, F</sup>	
MATH 231	Calculus of Functions of One Variable I <sup>1, H, F</sup>	
STOR 151	Introduction to Data Analysis	
Lifetime fitness		1
<b>Hours</b>		<b>15</b>
<b>Spring Semester</b>		
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>1, H, F</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>1, H, F</sup>	4
Global language level 2		3
FY-TRIPLE	Triple-I	4
<b>Hours</b>		<b>15</b>
<b>Sophomore Year</b>		
<b>Fall Semester</b>		
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>H</sup>	4
CHEM 261 is not required but is recommended for students who have time in their schedules for additional science courses.		
Global language level 3		3
Gen Ed and elective courses		9
<b>Hours</b>		<b>16</b>
<b>Spring Semester</b>		
BIOL --	Biology course (BIOL 202 or BIOL 103 strongly recommended)	4
BIOL 252 is not required but is recommended for students who have time in their schedules for additional science courses.		
Gen Ed and elective courses		14
<b>Hours</b>		<b>18</b>
<b>Junior Year</b>		
<b>Fall Semester</b>		
CLSC 410 & 410L	Laboratory Mathematics and Basic and Molecular Laboratory Methods	3
CLSC 420 & 420L	Urinalysis and Body Fluids and Urinalysis Laboratory	2
CLSC 430	Biochemistry	3
CLSC 440 & 440L	Hematology I and Hematology I Laboratory	3
CLSC 450	Immunology	3
<b>Hours</b>		<b>14</b>
<b>Spring Semester</b>		
CLSC 442 & 442L	Hematology II and Hematology II Laboratory	4
CLSC 462 & 462L	Clinical Bacteriology and Clinical Bacteriology Laboratory	5
CLSC 470 & 470L	Clinical Chemistry and Clinical Chemistry Laboratory	5
CLSC 480 & 480L	Immunohematology and Immunohematology Laboratory	5
<b>Hours</b>		<b>19</b>

**Senior Year**

Clinical Education: Senior clinical education takes place in UNC Hospitals' laboratories and other clinical laboratories in North Carolina. These laboratories are highly regarded in the field of laboratory medicine, and students have the opportunity to learn the most recent techniques in clinical laboratory science.

Courses taken during fall or spring semester:

CLSC 460	Special Pathogens	2
CLSC 460L	Parasitology and Mycology Laboratory	1
CLSC 540L	Clinical Hematology Laboratory	4
CLSC 542L	Clinical Hemostasis Laboratory	2
CLSC 550L	Clinical Immunology Laboratory	1
CLSC 560L	Clinical Microbiology Laboratory	4
CLSC 570L	Clinical Chemistry Laboratory Rotation	4
CLSC 580L	Clinical Immunohematology Laboratory	4
CLSC 582L	Clinical Transplantation Medicine Laboratory	1
CLSC 620	Clinical Laboratory Management	2
CLSC 630	Research Methods in Clinical Laboratory Science	2
CLSC 670	Clinical Laboratory Science Educational Methods	2

**Hours** **29**

**Total Hours** **126**

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> FY-Launch options available on designated sections.

## Special Opportunities in Clinical Laboratory Science

### Departmental Involvement

Student ambassadors in the Department of Allied Health Sciences organize students' professional activities and social events. The CLS Service Society provides opportunities for students to work together to promote the CLS profession and provide services to the community.

### Experiential Education

Senior clinical courses provide a range of clinical laboratory experience in chemistry, hematology, hemostasis, microbiology, transfusion medicine, immunology, histocompatibility, and molecular testing.

### Certification

Upon successful completion of the clinical laboratory science curriculum, graduates receive the B.S. degree with a major in clinical laboratory science. A certificate also is awarded by the Division of Clinical Laboratory Science and the Department of Allied Health Sciences.



Graduates of the program are eligible to take the national certification examination in medical laboratory science.

## Accreditation

The Clinical Laboratory Science Program is accredited by the National Accrediting Agency for Clinical Laboratory Sciences, 5600 N. River Road, Suite 720, Rosemont, IL, 60018-5119, (773) 714-8880, [www.naacls.org](http://www.naacls.org) (<http://www.naacls.org>).

## Undergraduate Awards

**Louise Ward Scholarships:** Three scholarships are awarded to clinical laboratory science students each year based on academic excellence, potential for success as a clinical laboratory science student and practitioner, and financial need.

Additional scholarships available to clinical laboratory science students include

- The Lanning-Taylor Scholarship, awarded to a senior clinical laboratory science student.
- The Raleigh Pathology Laboratory Associates Scholarship, awarded to a junior or a senior student.
- The WakeMed Health and Hospital Annual CLS Scholarship, awarded to a junior or senior student.
- The Allene W. Alphin and Jesse C. Alphin Scholarships, awarded to two clinical laboratory science students.
- The Jeri Lasitter McConkey Scholarships, awarded to two clinical laboratory science students.

**Outstanding CLS Student:** Each year a clinical laboratory science senior is named as the outstanding student based on nominations from clinical and academic faculty members.

## Undergraduate Research

Senior students may apply for an elective course, CLSC 695 Undergraduate Research in CLS. In this course, students work on a research project independently with guidance from CLS faculty and clinical laboratory staff members. Student research projects have resulted in presentations at professional meetings and publications.

## Contact Information

### Division of Clinical Laboratory Science

Visit Program Website (<http://www.med.unc.edu/ahs/clinical/>)  
Suite 4100 Bondurant Hall, CB# 7145  
(919) 966-3011

### Director

Tara Moon  
[tara\\_moon@med.unc.edu](mailto:tara_moon@med.unc.edu)

### Student Services Specialist

Tamara Mesko  
[tamara\\_mesko@med.unc.edu](mailto:tamara_mesko@med.unc.edu)

## Division of Radiologic Science

### Introduction

The School of Medicine's radiologic science program is designed to prepare individuals for professional practice and associated responsibilities in the health specialty of medical imaging. Graduates provide patient assessment and care required for medical imaging

procedures in addition to insuring that the highest quality imaging study is completed when the patient's radiation dose is a factor. Students may pursue diagnostic and interventional radiology or diagnostic medical sonography. In the senior year students may select other imaging modalities and practice areas for additional competence and training. These other areas may include sonography special areas, pediatrics, mammography, computed tomography, magnetic resonance imaging, vascular interventional radiology, and cardiac catheterization laboratory. The curriculum includes course discussions and projects on global health imaging issues and the potential for international experiences in medical imaging departments and programs abroad.

## Admission to the Program

Following completion of the first two years' work in the University's General College, students may be admitted to the professional major offered by the Department of Allied Health Sciences of the UNC School of Medicine. Students enrolled at other colleges and universities who are interested in transferring to the Chapel Hill campus following their sophomore year should contact the Office of Undergraduate Admissions and the Division of Radiologic Science early in their college career to assure proper planning and transferability of courses. Students are encouraged to begin the application process early in the fall semester preceding the year of intended enrollment. The program begins in Summer Session II each year. Transfer applications should be received in the Office of Undergraduate Admissions by the designated University deadline.

Since enrollment in the major is limited, completion of the student's course of study in the General College does not guarantee a position in the professional class. Students should contact the Division of Radiologic Science in the fall semester preceding anticipated enrollment to receive admissions information. Student selections are made on a competitive basis with consideration given to academic achievement, character, both written and oral communication skills, and demonstrated interest in medical imaging as a professional career.

Students are subject to the requirements in place when they are admitted to this program; consequently, the requirements described in this catalog particularly apply to students admitted during the 2023–2024 academic year.

## Advising

First-year and sophomore students interested in the B.S. degree with a major in radiologic science have a primary academic advisor assigned in ConnectCarolina during the first two years of the degree program. Students are strongly encouraged to meet regularly with their advisor and review their progress toward the degree each semester. The director of the Division of Radiologic Science is available to meet with current and prospective majors by appointment (see contact information above). The division's faculty provides academic advising for students who are enrolled in the program. Further information on the curriculum may be obtained from radiologic science website (<http://www.med.unc.edu/ahs/radisci/>).

## Facilities

The program has a laboratory with digital imaging capabilities and sonography capabilities in the Burnett-Womack Building adjacent to the offices and classroom building. The laboratory includes radiography and fluoroscopic equipment with digital imaging plate readers and software

and sonography equipment similar to the environment the students see during their clinical rotations.

## Graduate School and Career Opportunities

The Division of Radiologic Science bachelor of science degree program provides a basis for further study. Additional clinical specializations are available in nuclear medicine, and radiation therapy. Graduates may elect graduate studies in health physics, business and education, management, public health, and other health professions. The division offers a master's in radiologic science degree program for those students seeking advanced clinical practice as a radiologist assistant.

The clinical practice of medical imaging (radiologic technology) may include one or more of the specialty areas listed here, depending on professional preference and the type, size, and mission of the health facility where the technologist is employed: general radiography (such as orthopedics or pediatrics), vascular imaging, cardiac catheterization, computed tomography, and magnetic resonance imaging or diagnostic medical sonography. Responsibilities and salaries vary according to the area and scope of practice.

Employment opportunities available in a variety of settings, in both rural and urban areas, include

1. more generalized practice in medium to small hospitals;
2. specialized clinical practice in a large hospital;
3. clinics and free-standing imaging centers, which may offer both special and general practice opportunities; or
4. clinical practice coupled with expanded responsibilities in quality control, service education, and supervision, particularly in a large hospital.

### Major

- Radiologic Science Major, B.S. (p. 1133)

## Professor

Jordan B. Renner.

## Associate Professor

Joy J. Renner.

## Assistant Professors

Kenya Haugen, Lauren Noble, Katrina Steinsultz, Amy Dela Cruz.

## Adjunct Assistant Professor

Melissa Culp.

## Instructors

Randy Gay, Susan MacNeela, Wendy Ross.

## Professors Emeriti

Charles B. Burns, Janice C. Keene, Robert L. Thorpe.

## RADI–Radiologic Science

### Advanced Undergraduate and Graduate-level

**RADI 432. Concepts and Perspectives in Radiologic Science. 1 Credits.**

This overview of radiologic science encompasses patient care, imaging modalities for diagnosis and treatment, radiation protection, health care trends, and information management systems. Pass/Fail course.

#### Rules & Requirements

**Grading Status:** Pass/Fail.

**RADI 440. Gross Anatomy for Health Sciences. 3 Credits.**

This course includes lecture and lab sessions to strengthen knowledge of human anatomy and to guide the application of this material for medical imaging. Students will participate in laboratory activities to better understand the spatial relationships between anatomic regions and specific structures. The emphasis of the course is on thoracic, abdominal, pelvic, and musculoskeletal anatomy. Course previously offered as AHSC 440. Radiologic Science majors only.

#### Rules & Requirements

**Requisites:** Prerequisites, BIOL 252 and 252L.

**Grading Status:** Letter grade.

**RADI 442. Introduction to Radiologic Science. 3 Credits.**

Majors only. Lectures, discussions, demonstrations, and laboratory exercises are combined to introduce topics including patient assessment, image characteristics, radiation protection, positioning skills, medical terminology, and the role of imaging sciences in health care.

#### Rules & Requirements

**Grading Status:** Letter grade.

**RADI 461. Radiography I. 4 Credits.**

Prepares students for standard radiography of upper extremities, lower extremities, axial skeleton, bony thorax, chest, abdomen, and the basic skull, considering pathologies and gross, radiographic, and cross-sectional anatomy. Three lecture hours and two laboratory hours.

#### Rules & Requirements

**Requisites:** Prerequisites, HSCI 440 and RADI 442.

**Grading Status:** Letter grade.

**RADI 462. Radiographic Imaging I. 4 Credits.**

An overview of radio-graphic imaging methods examining the imaging process as a sequence of events from X-ray production through hard copy processing. The imaging equipment is discussed in terms of function, influence on the image, the impact of alteration on image characteristics, and compensation techniques for changes in the sequence. Three lecture hours and two laboratory hours.

#### Rules & Requirements

**Requisites:** Prerequisites, HSCI 440 and RADI 442.

**Grading Status:** Letter grade.

**RADI 463. Clinical Education I. 4 Credits.**

A clinical course focusing on the application and evaluation of radiography in the hospital setting. With supervision, the student develops clinical skills through observation and participation in radiographic procedures. Twenty practicum hours.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Academic Internship.

**Requisites:** Prerequisites, HSCI 440 and RADI 442.

**Grading Status:** Letter grade.

**RADI 465. FOUNDATIONS IN RAD THER. 4 Credits.****Rules & Requirements**

**Grading Status:** Letter grade.

**RADI 466. Abdominal Sonography. 4 Credits.**

Diagnostic Medical Sonography track. The course includes intra-abdominal organs, abdominal vessels, peritoneal spaces, and retroperitoneal structures and introduces normal/abnormal sonographic findings. Integration of findings with clinical history, exam, and laboratory findings are included along with skills with scanning protocols, technical factors, and image quality developed in the lab. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, HSCI 440 and RADI 442.

**Grading Status:** Letter grade.

**RADI 467. Ultrasound Principles and Instrumentation. 4 Credits.**

Diagnostic Medical Sonography Track. The course provides comprehensive instruction on the principles of ultrasound, including wave characteristics and propagation, acoustic variables, transducers, pulsed waves, real time imaging, and image display and image archiving. More topics include Doppler physics, equipment instrumentation and operation, quality assurance, and biological effects of ultrasound. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, RADI 440 and RADI 442.

**Grading Status:** Letter grade.

**RADI 471. Radiography II. 3 Credits.**

The course content prepares students for standard radiography of cranial bones, facial bones, and special cranial projections. Contrast studies include gastrointestinal, urinary, biliary, cardiovascular, and other special procedures. The course includes pathologies, and gross, radiographic, and cross-sectional anatomy. Two lecture hours and two laboratory hours.

**Rules & Requirements**

**Requisites:** Prerequisite, RADI 461.

**Grading Status:** Letter grade.

**RADI 472. Radiographic Imaging II. 4 Credits.**

A detailed study of specific elements of the radiographic process, with an emphasis on the interrelationships of the radiographic parameters, refinement of image analysis and problem-solving skills, and quality control testing for evaluating the performance of the radiographic equipment and accessories. Three lecture hours and two laboratory hours.

**Rules & Requirements**

**Requisites:** Prerequisite, RADI 462.

**Grading Status:** Letter grade.

**RADI 473. Clinical Education II. 4 Credits.**

A continuation of RADI 463 with emphasis on the application and evaluation of more complex radiographic studies. Twenty practicum hours.

**Rules & Requirements**

**Requisites:** Prerequisite, RADI 463.

**Grading Status:** Letter grade.

**RADI 474. Obstetrics and Gynecology Sonography. 4 Credits.**

Normal and abnormal anatomy/physiology/sonographic features of the nongravid and gravid female pelvis. Normal and abnormal fetal growth and anatomy, fetal well-being, and sonographic measurements associated with the second and third trimesters of pregnancy are included in the content. Students will engage in correlations of sonographic findings with patient clinical history, clinical exam, and laboratory findings. Lab skills covered: scanning protocols, technical factors, and image quality. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, RADI 466 and 467.

**Grading Status:** Letter grade.

**RADI 478. Sonographic Imaging I. 4 Credits.**

This course presents topics of advanced sonographic imaging techniques including advanced abdomen and obstetric concepts, superficial structures, pediatrics, introduction to vascular, and interventional procedures. This course presents the normal and abnormal sonographic findings, along with the relationship of these findings to patient clinical history, clinical exam, and laboratory findings. Skills related to scanning protocols, technical factors, and image quality are developed in the lab. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, RADI 466 and 467.

**Grading Status:** Letter grade.

**RADI 479. Advanced Imaging in Sonography II. 4 Credits.**

This course continues topics of advanced sonographic imaging techniques and presents new technologies, superficial structures, pediatrics, advanced obstetrics, and transplants. This course also presents the normal and abnormal sonographic findings of these structures along with relationships of these findings to patient clinical history, clinical exam, and laboratory findings. Skills related to protocols, technical factors, and image quality are developed in the lab. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, RADI 466, 467, 474, and 478.

**Grading Status:** Letter grade.

**RADI 574. Clinical Education III. 3 Credits.**

Under general supervision, the student will function at an increased level of responsibility in general diagnostic radiography in a variety of clinical settings outside of the university setting.

**Rules & Requirements**

**Requisites:** Prerequisite, RADI 473.

**Grading Status:** Letter grade.

**RADI 575. Clinical Education IV. 5 Credits.**

Under general supervision, the student will function at an increased level of responsibility in radiography in clinical settings outside of the university setting. The course includes a comprehensive review examination and case studies.

**Rules & Requirements**

**Requisites:** Prerequisite, RADI 574.

**Grading Status:** Letter grade.

**RADI 583. Clinical Education V. 4 Credits.**

A clinical course utilizing contract learning to provide students an opportunity to gain additional competency in specialized areas of radiology. Twenty-four education and independent study hours.

**Rules & Requirements**

**Requisites:** Prerequisites, RADI 574 and 575.

**Grading Status:** Letter grade.

**RADI 584. Clinical Education VI. 6 Credits.**

This course is a continuation of RADI 583 using learning contracts to allow students to explore and gain additional expertise in various areas of radiology. Twenty-four clinical hours.

**Rules & Requirements**

**Requisites:** Prerequisite, RADI 583.

**Grading Status:** Letter grade.

**RADI 585. Radiologic Health Physics. 3 Credits.**

A course in the physics of diagnostic radiology, including radiation effects on tissue, radiation detection and measurement, protection methods and techniques, and environmental radiation issues. Three lecture hours.

**Rules & Requirements**

**Requisites:** Prerequisite, RADI 472; permission of the instructor for students lacking the prerequisite.

**Grading Status:** Letter grade.

**RADI 586. Research in Radiologic Science I. 1 Credits.**

Majors only. The major part of the course is devoted to an investigative project on a discipline-related topic of student interest. Select issues affecting professional affairs of radiologic technologists are also included.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RADI 591. Practicum in Radiologic Science. 4 Credits.**

This course offers an elective clinical experience in an area of student interest.

**Rules & Requirements**

**Requisites:** Prerequisite, RADI 584.

**Grading Status:** Letter grade.

**RADI 594. Professional Communications and Interactions. 3 Credits.**

Majors only. This course provides for a brief cognitive and skills approach to communication skills, the teaching/learning process, and methods and materials of instruction and delivery. Three lecture/discussion hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RADI 597. Leadership in Radiologic Science. 3 Credits.**

Majors only. In this course students will analyze the theoretical literature on leadership and apply that knowledge in the analysis of various radiology environment situations. Three lecture hours.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RADI 660. Pathophysiology. 3 Credits.**

Majors only. This course will enhance and integrate the student's knowledge of anatomy, physiology, and pathology related to all human body systems. Emphasis will be placed on understanding how structure, function, and disease are interrelated. Three lecture hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RADI 662. Instrument and Imaging Methods. 4 Credits.****Rules & Requirements**

**Grading Status:** Letter grade.

**RADI 670. Integrated Principles of Imaging Analysis. 4 Credits.**

This course involves students in situational problem solving and radiographic analysis. Integration of concepts and knowledge of anatomy, pathology, procedures, patient care, and imaging principles are emphasized. Four lecture hours.

**Rules & Requirements**

**Requisites:** Prerequisite, RADI 660.

**Grading Status:** Letter grade.

**RADI 672. Radiographic Imaging II. 4 Credits.**

A detailed study of specific elements of the radiographic process, with an emphasis on the interrelationships of the radiographic parameters, refinement of image analysis and problem-solving skills, and quality. Three lectures hours and two laboratory hours.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RADI 681. Trends in Medical Imaging Practices Issues in the Radiology Practice Environment. 3 Credits.**

Majors only. The course covers issues related to health care systems, medicolegal ethics, and practice and quality assurance. Three lecture hours per week.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RADI 686. Research in Radiologic Science II. 2 Credits.**

Majors only. Students complete a research project involving a major clinical or policy issue in radiologic science. This course is an expansion of the fall semester research culminating in both a paper and presentation.

**Rules & Requirements**

**Grading Status:** Letter grade.

**RADI 694. Clinical Decisions in Radiology. 3 Credits.**

Majors only. This course involves the pharmacology of common radiology medications and advanced patient assessment techniques. With the additional knowledge and skills, students can make informed decisions regarding patient care. Three lecture hours.

**Rules & Requirements**

**Grading Status:** Letter grade.

## Contact Information

### Division of Radiologic Science

Visit Program Website (<http://www.med.unc.edu/ahs/radisci/>)  
Suite 3050 Bondurant Hall, CB# 7130  
(919) 966-5147

#### Director

Joy Renner  
jrenner@med.unc.edu

## Radiologic Science Major, B.S.

The School of Medicine's radiologic science program is designed to prepare individuals for professional practice and associated responsibilities in the health specialty of medical imaging. Graduates provide patient assessment and care required for medical imaging procedures in addition to insuring that the highest quality imaging study is completed with the patient's radiation dose and safety as a factor. In addition to diagnostic radiology and sonography, students may select other imaging modalities and practice areas for additional competence and training. These other areas include specialized areas of sonography, pediatrics, mammography, computed tomography, magnetic resonance imaging, vascular interventional radiology, and cardiac catheterization laboratory. The curriculum includes course discussions and projects on global health imaging issues and the potential for international experiences in medical imaging departments and programs abroad.

Admission (p. 1129) to the program is required.

## Mission

The radiologic science program prepares students to practice competently and effectively as medical imaging professionals in diverse healthcare environments with awareness of global health issues. The academic and clinical foundation in the curriculum develops graduates with professional flexibility and adaptability to assume prominent roles and responsibilities after graduation in both career and scholarly pursuits.

## Program Goals

- Develop competent, effective, medical imaging professionals
- Support development of skills necessary to practice in diverse healthcare environments and to acquire prominent roles in radiologic science
- Program curriculum, teaching methods, and philosophy promote development of integrative, critical thinking, and communication skills to include written, oral, and electronic discourse
- Graduates successfully pursue scholarly activities such as contributions to the profession and post-baccalaureate education
- Encourage global awareness of cultural and health care perspectives

## Student Learning Outcomes

### Diagnostic and Interventional Radiology

Upon completion of the radiological sciences (B.S.) program, students should be able to complete the following goals and outcomes.

**(Goal one)** Obtain a level of clinical competence appropriate for an entry-level medical imaging professional.

Outcomes:

- Students will demonstrate accurate patient positioning techniques.
- Students will utilize radiographic exposure factors to optimize image quality and minimize patient dose.
- Students will practice radiation protection principles for patient and occupational safety.

**(Goal two)** Possess critical thinking skills to adapt to changing clinical environments and patient needs.

Outcomes:

- Students will adapt procedures based on patient needs and clinical situation limitations.
- Students will analyze images to assure diagnostic quality.

**(Goal three)** Exhibit professionalism through consistent, responsible, and ethical behavior.

Outcomes:

- Students will provide nondiscriminatory care for all patients.
- Students will demonstrate adherence to program policies and procedures.

**(Goal four)** Demonstrate effective communication skills.

Outcomes:

- Students will practice effective oral communication skills in the classroom and in the clinical setting.
- Students will demonstrate effective written communication skills.

### Diagnostic Medical Sonography Program Learning Outcomes

#### Program Learning Outcomes Abdomen Concentration

Students progress through the abdomen curriculum and meet course learning objectives that culminate in the accomplishment of the program outcomes below:

1. Obtain a level of competence as an entry level general sonographer in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.
2. Possess critical thinking skills to adapt to changing clinical environments and patient needs, demonstrating knowledge and understanding of abdominal and superficial anatomy, physiology, and pathology.
3. Exhibit professionalism through consistent, responsible, and ethical behavior.
4. Demonstrate knowledge of understanding of acoustic physics, Doppler ultrasound principles, and ultrasound instrumentation to create diagnostic ultrasound images of abdominal and superficial anatomy.
5. Demonstrate effective communication skills.

#### Program Learning Outcomes Obstetrical and Gynecological Concentration

Students progress through the obstetrical and gynecological curriculum and meet course learning objectives that culminate in the accomplishment of the program outcomes below:

1. Obtain a level of competence as an entry level obstetrical and gynecological sonographer in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.
2. Possess critical thinking skills to adapt to changing clinical environments and patient needs, demonstrating knowledge, and understanding of obstetrical and gynecological anatomy, physiology, and pathology.
3. Exhibit professionalism through consistent, responsible, and ethical behavior.
4. Demonstrate knowledge of understanding of acoustic physics, Doppler ultrasound principles, and ultrasound instrumentation to create diagnostic ultrasound images of obstetrical and gynecological anatomy.
5. Demonstrate effective communication skills










## Requirements


In addition to the program requirements, students must

- earn a minimum final cumulative GPA of 2.000
- complete a minimum of 45 academic credit hours earned from UNC–Chapel Hill courses
- take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the major core requirements. Some programs may require higher standards for major or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

The schedule of academic work for radiologic science (medical imaging) majors includes the following General Education requirements. Students must complete all First-Year Foundation requirements, all Reflection & Integration requirements, and complete at least six Focus Capacity requirements as part of the IDEAs in Action General Education curriculum. In addition, the following specific requirements apply to students in the General College:


Code	Title	Hours
<b>Quantitative reasoning requirement:</b>		
MATH 130	 Precalculus Mathematics <sup>F</sup>	3-4
or MATH 231	 Calculus of Functions of One Variable I	
<b>Six courses in the physical and life sciences</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>H</sup>	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>F</sup>	4
or BIOC 107	Introduction to Biochemistry	
PHYS 114 & PHYS 115	 General Physics I: For Students of the Life Sciences and  General Physics II: For Students of the Life Sciences <sup>F</sup>	8

PSYC 101	 General Psychology <sup>F</sup>	3
<b>Total Hours</b>		<b>26-27</b>

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

After admission (p. 1129) to the program, the curriculum in radiologic science includes courses in gross anatomy, pathophysiology, radiography, imaging methods, research, practice issues, and clinical practice. The first year of the program provides the foundation and skills for clinical practice and patient care in diagnostic radiography. The second year of the program builds on this foundation and enhances skills for career and practice advancement through communications, physics, and research. During the second year, the student elects areas of clinical concentration, such as magnetic resonance imaging, computed tomography, advanced diagnostic imaging, cardiac catheterization, and vascular/interventional imaging.

Code	Title	Hours
<b>Summer Session II (Junior Year)</b>		
AHSC 440	GROSS ANAT FOR AHS	3
RADI 442	Introduction to Radiologic Science	3
<b>Junior Year Fall Semester</b>		
RADI 461	Radiography I	4
or RADI 466	Abdominal Sonography	
RADI 462	Radiographic Imaging I	4
or RADI 467	Ultrasound Principles and Instrumentation	
RADI 463	 Clinical Education I	4
RADI 660	Pathophysiology	3
<b>Junior Year Spring Semester</b>		
RADI 471	Radiography II	3-4
or RADI 474	Obstetrics and Gynecology Sonography	
RADI 472	Radiographic Imaging II	4
or RADI 478	Sonographic Imaging I	
RADI 473	Clinical Education II	4
RADI 670	Integrated Principles of Imaging Analysis	4
<b>Summer Session I and II (Senior Year)</b>		
RADI 574	Clinical Education III	3
RADI 575	Clinical Education IV	5
<b>Senior Year Fall Semester</b>		
RADI 583	Clinical Education V	4
RADI 585	Radiologic Health Physics	3-4
or RADI 479	Advanced Imaging in Sonography II	
RADI 586	Research in Radiologic Science I	1
RADI 594	Professional Communications and Interactions	3
RADI 694	Clinical Decisions in Radiology	3
<b>Senior Year Spring Semester</b>		
RADI 584	Clinical Education VI	6
RADI 597	Leadership in Radiologic Science	3

RADI 681	Trends in Medical Imaging Practices Issues in the Radiology Practice Environment	3
RADI 686	Research in Radiologic Science II	2
<b>Total Hours</b>		<b>72-74</b>

## Special Opportunities in Radiologic Science

### Experiential Education

All of the clinical education courses provide students with the opportunity to gain competence and proficiency in all areas of medical imaging practice in a variety of clinical environments. Students may also participate in our global experiences in Switzerland and in Malawi.

### Undergraduate Awards

Undergraduate students are considered for the Faculty Award for Excellence, the Award for Academic Excellence, and the Tina Robbins Award.

### Undergraduate Research

Students complete a two-semester research sequence leading to a project and paper during the senior year of the program and are encouraged to submit the research projects to state and national research competitions.

### Certification

Upon graduation, students have completed the requirements to seek eligibility to take the national certification examination from the American Registry of Radiologic Technologists in Radiography or the American Registry for Diagnostic Medical Sonography and in other clinical areas of expertise.

### Accreditation

The program leading to the B.S. degree with a major in radiologic science for diagnostic and interventional radiology is fully accredited by the Joint Review Committee on Education in Radiologic Technology.

### Scholarships and Grants

Students in the Division of Radiologic Science are eligible for Phyllis Ann Canup Pepper Scholarships, the Dr. Jerry Lambiente Loyalty Fund Scholarship, the Rufus "Buddy" Clarke Loyalty Fund Scholarship, the Jerome Puryear and Latonya Brown-Puryear Scholarship, and the Jane Cox Hendrix Scholarships.

## Contact Information

### Division of Radiologic Science

Visit Program Website (<http://www.med.unc.edu/ahs/radisci/>)  
Suite 3050 Bondurant Hall, CB# 7130  
(919) 966-5147

### Director

Joy Renner  
[jrenner@med.unc.edu](mailto:jrenner@med.unc.edu)

## Division of Speech and Hearing Sciences

### Introduction

Graduate study in speech and hearing sciences is concerned with the body of knowledge and scientific study that pertain to speech, language, hearing, balance, swallowing, and their disorders, and with professional, academic, and research activities in those areas. The Division of Speech and Hearing Sciences offers three graduate degrees: a master's (M.S.) in speech-language pathology, a professional doctorate (Au.D.) in audiology, and a research doctorate (Ph.D.) in speech and hearing sciences. A minor in speech and hearing sciences is available for undergraduate students at UNC-Chapel Hill who anticipate pursuing one or more of these graduate degrees.

### Advising

All students interested in a minor in speech and hearing sciences have a primary academic advisor assigned in ConnectCarolina. Students are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker each semester. The department's director of undergraduate studies will meet with current and prospective minors by appointment. (See contact tab above.) Further information may be obtained from the division's website (<https://www.med.unc.edu/ahs/sphs/>).

### Minor

- Speech and Hearing Sciences Minor (p. 1136)

### Graduate Programs

- M.S. in Speech and Hearing Sciences (<http://catalog.unc.edu/graduate/schools-departments/division-speech-hearing-sciences/>)
- Ph.D. in Speech and Hearing Sciences (<http://catalog.unc.edu/graduate/schools-departments/division-speech-hearing-sciences/>)

## Professors

Elizabeth R. Crais, Karen Erickson, John Grose, Katarina Haley, Stephanie Sjoblad

## Associate Professors

Lisa Domby, Adam Jacks, Nancy McKenna, Brenda Mitchell, Devon Weist, Sharon W. Williams

## Assistant Professors

Lindsey Byom, Julia Drouin, Kimberly Jenkins, Patricia Johnson, Hannah Hodson McLean, Hannah Siburt

## SPHS—Speech and Hearing Sciences Undergraduate-level

### SPHS 196. Undergraduate Research Experience. 1-4 Credits.

Supervised undergraduate directed research on communication science topics of mutual interest to the student and a faculty member.

### Rules & Requirements

**Repeat Rules:** May be repeated for credit. 12 total credits. 12 total completions.

**Grading Status:** Letter grade.

## Advanced Undergraduate and Graduate-level

### SPHS 400. Autism in Our Communities: An Interdisciplinary Perspective. 3 Credits.

Students have 30 hours of service-learning with individuals with autism at community partner sites. Class discussions introduce students to diverse topics related to autism spectrum disorder. This is an APPLES course.

#### Rules & Requirements

 IDEAs in Action Gen Ed: HI-SERVICE.

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

**Same as:** EDUC 400.

### SPHS 401. American Sign Language I. 3 Credits.

This American Sign Language (ASL) course includes topics on linguistic features, cultural protocols, and core vocabulary for students to function in basic ASL conversations on a variety of topics. All instructions and discussions in the classroom will be conducted in ASL. Students minoring in Speech and Hearing Sciences have priority in registering.

#### Rules & Requirements

**Grading Status:** Letter grade.

### SPHS 402. American Sign Language II. 3 Credits.

Students in the Speech and Hearing Minor have priority in registering. The American Sign Language (ASL) course focuses on developing conversational skills on a variety of topics. All instructions and discussions in the classroom will be conducted in ASL.

#### Rules & Requirements

**Requisites:** Prerequisite, SPHS 401.

**Grading Status:** Letter grade.

### SPHS 520. Human Communication Across the Lifespan. 3 Credits.

Development of human communication processes across the lifespan, including linguistic and cultural bases of communication.

#### Rules & Requirements

**Grading Status:** Letter grade.

### SPHS 521. Human Communication Across the Lifespan (EE). 4 Credits.

Development of human communication processes across the lifespan, including linguistic and cultural bases of communication. Includes a minimum of 30 service hours related to human communication. 12 spaces reserved for Juniors in Speech and Hearing Sciences Minor.

#### Rules & Requirements

**Making Connections Gen Ed:** EE- Service Learning.

**Grading Status:** Letter grade.

### SPHS 530. Introduction to Phonetics. 3 Credits.

A detailed study of the International Phonetic Alphabet with emphasis on the sound system of American English. Application of phonetics to problems of pronunciation and articulation. Includes broad and narrow phonetic transcription.

#### Rules & Requirements

**Grading Status:** Letter grade.

### SPHS 540. Speech Science. 3 Credits.

Introduction to the science of speech, including production, acoustics, and perception.

#### Rules & Requirements

**Grading Status:** Letter grade.

### SPHS 570. Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms. 3 Credits.

Anatomy and physiology of the speech producing and aural mechanisms.

#### Rules & Requirements

**Grading Status:** Letter grade.

### SPHS 582. Introductory Audiology I. 3 Credits.

Theory and practice of the measurement of hearing, causative factors in hearing loss, evaluation of audiometric results, and demonstration of clinical procedures.

#### Rules & Requirements

**Grading Status:** Letter grade.

### SPHS 583. Introduction to Clinical Practice in Speech-Language Pathology and Audiology. 3 Credits.

Introduction to diagnosis and treatment of communication disorders, including articulation, fluency, voice, and language, and those resulting from autism and hearing loss.

#### Rules & Requirements

**Grading Status:** Letter grade.

## Contact Information

### Division of Speech and Hearing Sciences

Visit Program Website (<http://www.med.unc.edu/healthsciences/sphs/>)

Suite 3100 Bondurant Hall, CB#7190

(919) 966-9038

#### Director

Dr. Hannah Siburt

[hannah\\_siburt@med.unc.edu](mailto:hannah_siburt@med.unc.edu)

## Speech and Hearing Sciences Minor

Admission to the minor is competitive by application. Undergraduate students have the option of taking these courses without declaring a minor; however, students in the minor will have priority for registration. For students interested in pursuing graduate study, additional coursework is highly recommended, including courses in biological science, physical science, social/behavioral science, developmental bases of communication, and statistics. Detailed information on the application process and preprofessional coursework can be found on the division's website (<https://www.med.unc.edu/ahs/sphs/prospective-students/undergraduate-minor/>).

## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

Code	Title	Hours
<b>Core Requirements</b>		
SPHS 530	Introduction to Phonetics (fall only)	3
SPHS 540	Speech Science (spring only)	3



SPHS 570	Anatomy and Physiology of the Speech, Language, and Hearing Mechanisms (spring only)	3
SPHS 582	Introductory Audiology I (fall only)	3
SPHS 583	Introduction to Clinical Practice in Speech-Language Pathology and Audiology (spring only)	3
<b>Total Hours</b>		<b>15</b>

The minor in speech and hearing sciences consists of five courses. Each course is offered only once per year; students interested in the minor are encouraged to enroll in the introductory course (SPHS 583) early in the sequence and in speech science (SPHS 540) last in the sequence.

## Contact Information

### Division of Speech and Hearing Sciences

Visit Program Website (<http://www.med.unc.edu/healthsciences/sphs/>)  
Suite 3100 Bondurant Hall, CB#7190  
(919) 966-9038

### Coordinator of Undergraduate Studies

Lisa Domby  
[lisa\\_domby@med.unc.edu](mailto:lisa_domby@med.unc.edu)

### Director

Dr. Hannah Siburt  
[hannah\\_siburt@med.unc.edu](mailto:hannah_siburt@med.unc.edu)

## School of Nursing

### Introduction

The School of Nursing at the University of North Carolina at Chapel Hill is nationally recognized as one of the premier nursing schools in the United States. With a trifold mission of excellence in nursing education, research, and service, the School of Nursing offers a full complement of nursing education programs, including bachelor's and master's of science in nursing, an R.N.–M.S.N. option, a post-master's program, a doctor of nursing practice, and a Ph.D. program, as well as pre- and postdoctoral fellowships. Since its inception in 1950, the school has led nursing education in North Carolina, and today boasts one of the highest nationwide passing rates on the NCLEX licensure examination and a rich tradition of cutting-edge nursing science. The School of Nursing is one of only a handful of schools in the country to house a Biobehavioral Laboratory for the promotion of nursing discovery, and one of only three schools in the nation to be selected to participate in the Hillman Scholars Program for Nursing Innovation.

### Program of Study

The School of Nursing at the University of North Carolina at Chapel Hill offers an undergraduate program of study designed to provide students with the knowledge, skill, and understanding necessary to function effectively in all areas of professional nursing. The curriculum leading to the bachelor of science in nursing (B.S.N.) degree offers two options for study:

1. two years of upper-division courses in the School of Nursing, which follow two years of lower-division courses in the General College (or equivalent courses completed at another college/university);
2. an accelerated second degree option for students with a previous bachelor's degree (A.B.S.N. Option).

Students are subject to the requirements in place when they are admitted to the School of Nursing; consequently, the requirements described in this Catalog particularly apply to students admitted to the School of Nursing during the 2023–2024 academic year.

Admission (p. 1145) to the program is required.

## Advising

All first degree students intending to major in nursing have a primary academic advisor in the Academic Advising Program (<https://advising.unc.edu/>). Students are strongly encouraged to meet regularly with their advisor to learn the latest course requirements necessary to become an outstanding candidate for a career in nursing, and to review their Tar Heel Tracker each semester. In addition, students can visit the Health Professions Advising Office soon after entering the University for specific guidance on career preparation. Advising information, advising hours, and information about joining the pre-health listserv may be found on the office's website (<https://hpa.unc.edu/>).

## Facilities

The School of Nursing is located in Carrington Hall. The Education-Innovation-Simulation Learning Environment (EISLE) provides undergraduate students with a simulated clinical environment in which to practice and acquire fundamental psychomotor and psychosocial skills necessary for clinical application. Under the close supervision of nursing faculty and teaching assistants, students learn therapeutic techniques and procedures, utilize problem-solving approaches, and prioritize patient care in simulated situations.

## Graduate School and Career Opportunities

The school offers a master of science in nursing (M.S.N.), a doctor of nursing practice (D.N.P.) degree in five advanced practice areas, and a Ph.D. degree in nursing science. B.S.N. graduates may pursue the M.S.N. or D.N.P. after one year of clinical practice, or they may pursue the Ph.D. directly following the B.S.N., prior to completion of any master's-level coursework. For further information on the graduate program, contact the Office of Student Affairs as noted below or see the school website (<http://nursing.unc.edu/>).

The school works closely with University Career Services to prepare all B.S.N. graduates for the transition from student to professional practitioner. A preparatory career development series and career fair are offered annually. Additionally, the school cooperates with clinical agencies across the country to make available to students an array of information on employment opportunities in a myriad of settings and entry-level roles.

## Requirements Lower-Division Courses in the General College

Students are admitted to the baccalaureate nursing program at the upper-division level. All lower-division courses must be completed by the end of the spring semester. Lower-division courses taken at another college or university must be approved for transfer by the UNC–Chapel Hill Office of Undergraduate Admissions as comparable to the courses offered on this campus. Prospective students can request an unofficial transfer evaluation to determine the status of compliance with lower-division requirements. Prospective students may submit their transcripts for review through the School of Nursing transcript evaluation request

form (<https://nursing.unc.edu/programs/bachelor-of-science-in-nursing/bsn-transcript-evaluation/>).

Students must complete all First-Year Foundation requirements, all Reflection and Integration requirements, and complete at least six (6) Focus Capacity requirements (plus the Empirical Investigation Lab requirement) as part of the IDEAs in Action General Education curriculum. Special Note: Applicants must complete the two-course combination, Anatomy and Physiology I and Anatomy and Physiology II sequence from the same college/university, OR a complete course in anatomy and a complete course in physiology. If these courses are not completed on this campus, they must be approved equivalents to the courses offered at UNC–Chapel Hill.

**Beginning with the fall 2020 application cycle (fall 2021 matriculation), the 5-semester B.S.N. option is open to first degree applicants only. Students holding a bachelor's degree in another field may apply to the 4-semester accelerated B.S.N. option or the Military Pathway.**

## First Degree Applicants









Students seeking a first bachelor's degree are admitted to the upper-division (junior/senior) B.S.N. (five-semester) option, typically in the spring semester of the sophomore year. Students must complete all lower-division (first-year/sophomore) courses by the end of the spring semester prior to matriculating into the School of Nursing. The first nursing courses begin in the fall of the junior year.




Students seeking a first bachelor's degree who are Armed Forces Veterans or Active Duty service members from any branch, including past service in the Reserves or National Guard, may choose to apply to the Military Pathway. The requirements for the Military Pathway are the same as those for the B.S.N. (5-semester) option.

### Admission Criteria

Admission to the School of Nursing is competitive. The minimum cumulative grade point average for admission to the B.S.N. option is a 2.8 on a 4.0 scale. Admission to UNC–Chapel Hill as a first-year student or sophomore transfer does not guarantee admission to the School of Nursing as a junior. Applicants must be eligible to return to all institutions previously attended.

At the time of application, applicants to the B.S.N. option must have completed at least three of the five key science courses.

Code	Title	Hours
<b>Prerequisite Courses</b>		
BIOL 101 & 101L	 Principles of Biology and  Introductory Biology Laboratory <sup>H, F</sup>	4
CHEM 101 & 101L	 General Descriptive Chemistry I and  Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
or BIOC 107	Introduction to Biochemistry	
CHEM 102 & 102L	 General Descriptive Chemistry II and  Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
or BIOC 108	Introduction to Biochemistry	
<b>Key Science Courses</b>		
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and  Fundamentals of Human Anatomy and Physiology Laboratory <sup>1,4, H</sup>	4

BIOL 253 & 253L	Advanced Human Anatomy and Physiology and Advanced Human Anatomy and Physiology Laboratory <sup>1,4</sup>	4
MCRO 251	Introductory Medical Microbiology <sup>1,4</sup>	4
PSYC 101	 General Psychology <sup>2,5, F</sup>	3
One course from the following:		3
STOR 151	 Introduction to Data Analysis <sup>2,5</sup>	
STOR 155	 Introduction to Data Models and Inference <sup>2,3,5, F</sup>	

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A grade of B- or better is required.

<sup>2</sup> A grade of C or better is required.

<sup>3</sup> STOR 155 is strongly recommended for students interested in graduate study.

<sup>4</sup> Must have been completed within the past **five** years.




<sup>5</sup> Must have been completed within the past **ten** years.

The admissions committee critically evaluates each applicant's academic performance, descriptive essays, community service history, and special skills and abilities that have the potential to affect care delivery or contribute overall to the nursing profession. The ideal applicant will clearly demonstrate a strong academic history as well as a commitment to the ideology of nursing and service to others. Performance in required science courses is particularly important.



## Second Degree Applicants

Students who have completed a bachelor's degree in a subject other than nursing may pursue admission to the accelerated and intensive A.B.S.N. (four-semester) option. Second degree students will have 60 credit hours from their previous degree counted toward the B.S.N. degree. Applicants must complete (or verify completion as part of their previous degree) only five courses from the lower-division requirements.

Students who have completed bachelor's degree in a subject other than nursing who are Armed Forces Veterans or Active Duty service members from any branch, including past service in the Reserves or National Guard may choose to apply to the Military Pathway.

Code	Title	Hours
BIOL 252 & 252L	 Fundamentals of Human Anatomy and Physiology and  Fundamentals of Human Anatomy and Physiology Laboratory <sup>1,4, H</sup>	4
BIOL 253 & 253L	Advanced Human Anatomy and Physiology and Advanced Human Anatomy and Physiology Laboratory <sup>1,4</sup>	4
MCRO 251	Introductory Medical Microbiology <sup>1,4</sup>	4
PSYC 101	 General Psychology <sup>2,5, F</sup>	3

One course from the following: 3

STOR 151	 Introduction to Data Analysis <sup>2,5</sup>
STOR 155	 Introduction to Data Models and Inference <sup>2,3,5</sup>

a U.S. diversity or global issues Connections course 3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

F FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> A grade of B- or better is required.

<sup>2</sup> A grade of C or better is required.

<sup>3</sup> STOR 155 is strongly recommended for students interested in graduate study.

<sup>4</sup> Must have been completed within the past **five** years.

<sup>5</sup> Must have been completed within the past **ten** years.

## Admission Criteria

Admission to the School of Nursing is competitive. The minimum cumulative grade point average for admission to the B.S.N. option or Military Pathway is a 2.8 on a 4.0 scale, and the minimum cumulative grade point average for the A.B.S.N. option is a 3.0 on a 4.0 scale. All applicants seeking admission as second degree students must have earned the first degree prior to submitting the nursing application. Applicants must be eligible to return to all institutions previously attended. At the time of application, applicants to the A.B.S.N. option must have completed **all** five key science courses noted above, while applicants to the B.S.N. or Military Pathway option must have completed at least three of these courses. BIOL 252/BIOL 252L, BIOL 253/253L, and MCRO 251 must have been completed within the past five years. PSYC 101 and STOR 151 or STOR 155 must have been completed within the past ten years. The admissions committee review is as described previously.

Beginning June 2021 (May 2022 application cycle), A.B.S.N. applicants must also have a GPA of at least 3.0 in the five key science courses at the time of applying.

## Application

Applications for the B.S.N. option and B.S.N. Military Pathway option may be submitted by the December deadline for fall (August) matriculation, while applications to the A.B.S.N. option may be submitted by the August deadline for summer (May) matriculation. All first and second degree applicants, including current UNC–Chapel Hill students, must complete a two-phased electronic nursing application. The application link, instructions, deadlines, and decision timeframe can be found on the School of Nursing website (<https://nursing.unc.edu/academic-programs/bsn/apply/>).

### Major

- Nursing Major, B.S.N. (p. 1145)

### Graduate Programs

- D.N.P. in Nursing (<http://catalog.unc.edu/graduate/schools-departments/nursing/#programstext>)
- M.S.N. in Nursing (<http://catalog.unc.edu/graduate/schools-departments/nursing/#programstext>)
- Ph.D. in Nursing (<http://catalog.unc.edu/graduate/schools-departments/nursing/#programstext>)

*Following the faculty member's name is a section number that students should use when registering for independent studies, reading, research, and thesis and dissertation courses with that particular professor.*

## Distinguished Professors

Jada Brooks (141)  
 Cheryl Giscombe (31)  
 Cheryl B. Jones (112)  
 Saif Khairat (155)  
 Ashley Leak Bryant (143)  
 Shawn Kneipp (134)  
 Sheila Santacroce (51)  
 Suzanne Thoyre (45)  
 Mark Toles (142)

## Professors

Ruth Anderson  
 Linda Beeber  
 Cheryl Giscombe (31)  
 Cheryl B. Jones (112)  
 Kathleen Knafl  
 Shawn Kneipp (134)  
 Jennifer Leeman (133)  
 Mary Lynn (84)  
 Barbara Mark  
 Deborah Mayer  
 Mary H. Palmer  
 Marcia Van Riper (120)  
 Sheila Santacroce (51)  
 Suzanne Thoyre (45)  
 Margaret C. Wilmoth (167)  
 SeonAe Yeo (108)

## Associate Professors

Beth Black  
 Jada Brooks (141)  
 Leslie Davis (23)  
 Eric Hodges (16)  
 Saif Khairat (155)  
 Ashley Leak Bryant (143)  
 Cathi Propper  
 Natalia Rodriguez Villegas (26)  
 Patricia Silveyra  
 Mark Toles (142)  
 Debbie Travers  
 Jessica Williams (168)  
 Jessica Zegre-Hemsey (144)

## Assistant Professors

Lorinda Coombs (30)  
 Rachel Hirschey (11)  
 Matthew LeBlanc  
 Lisa Mansfield

Rebecca Salomon  
Karen Sheffield-Abdullah (002)  
Sandra Soto  
Grace Wu (12)  
Rose Xavier (19)

## Research Associate Professors

Jamie Crandell  
Todd Schwartz

## Clinical Professors

Rumay Alexander (020)  
Jennifer D'Auria (085)  
Carol Durham (111)  
Louise Fleming (013)  
Theresa Raphael-Grimm (121)  
Shielda Rodgers (021)  
Victoria Soltis-Jarrett (126)  
Meg Zomorodi (070)

## Clinical Associate Professors

Jennifer Alderman (145)  
Margaret Carman (003)  
Jean Davison (114)  
Julie Jacobson-Vann (131)  
Maureen Kelly (040)  
Rebecca Kitzmiller (150)  
Rhonda Lanning (146)  
Carrie Palmer (049)  
JoAn Stanek (158)  
Megan Williams (022)  
Lisa Woodley (164)

## Clinical Assistant Professors

Maureen Baker (007)  
Susana Barroso (027)  
Kandyce Brennan  
Amanda Brinson (86)  
Michael Bury  
Susan Catchings (025)  
Beth Cosgrove  
Cathy Crawford (032)  
Suja Davis (014)  
Stephanie Fisher  
Grace Gunderson-Falcone  
Grace Hubbard (062)  
Sharon Jackson  
Ann Marie Jones (017)  
Ashley Kellish (005)  
Rachel McLnerney (018)  
Stephanie Machalicky (028)  
Katherine Moore  
Leigh Mullen  
Katherine Peppers (173)  
Audra Rankin (024)  
Leslie Sharpe (159)  
Christa Seaman  
Elizabeth Stone  
Nancy Thompson

Tracy Vernon-Platt (147)

## Clinical Instructors

Evi Bonilla  
Marlena Brokob  
Marco Castro  
LaTonia Chalmers  
Bethany Davis  
Ryan Lewis  
Krystal Pendergraft-Horne  
Megan Ross  
Erin Stanley  
Cara Winstead

## Nurse Specialists

Patrick McMurray  
Lonna Patel  
Jordan Pope  
Brandy Reardon

## Faculty Emeriti

Ruth Anderson  
Linda Beeber  
Beth Black  
Barbara Bunker  
Margaret E. Campbell  
Linda Cronenwett  
Jo Ann Dalton  
Molly C. Dougherty  
Margery Duffey  
Catherine I. Fogel  
Cynthia M. Freund  
Sandra G. Funk  
Barbara Germino  
Joanne Harrell  
Edward Halloran  
Donna Havens  
Carol C. Hogue  
Margaret F. Hudson  
George Knaf  
Kathleen Knaf  
Betty H. Landsberger  
Patricia Lawrence  
Vickie Lester  
Barbara Mark  
Deborah Mayer  
Laura McQueen  
Margaret Miles  
Nancy Milio  
Helen M. Murphy  
Betty Nance-Floyed  
Virginia Neelon  
Sonda Oppewal  
Julie Page  
Mary Palmer  
Nilda Peragallo Montano  
Susan Pierce  
Barbara C. Rynerson  
Margarete Sandelowski  
Mary Schuler


Anne Skelly  
Lixin Song  
Ingrid Swenson  
Eleanor Taggart  
Anita Tesh  
Debbie Travers

## NURS–Nursing Undergraduate-level

### NURS 301. Foundations of Relationship-Centered Care and Diversity and Inclusion: Carolina Core I. 3 Credits.

This course provides socialization into relationship-centered nursing practice. All Carolina Core tenets are introduced; however, diversity and inclusion, relationship-centered care, and scholarly communication are a central emphasis. Students will obtain a beginning ability to act as a therapeutic agent. Majors Only.


#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-POWER.  
Grading Status: Letter grade.

### NURS 302. Research, Ethics, and Innovation: Carolina Core II. 3 Credits.

This course focuses on research, ethics, and health innovations as a basis for scientific inquiry to address problems that require solutions. All Carolina Core tenets are examined; however, nursing inquiry, evidence-based nursing practice, and ethical conduct in research are central foci. Majors Only.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-VALUES, RESEARCH.  
Grading Status: Letter grade.

### NURS 310. Clinical Nursing Skills and Health Assessment I: On Campus Clinical I. 2 Credits.

The first in a series of four on campus clinical courses, this course introduces foundational clinical nursing skills and integrates knowledge and skills of comprehensive health assessment for the adult and older adult. The clinical environment is simulated to provide the application of nursing principles and skills. Majors Only.

#### Rules & Requirements

**Requisites:** Corequisites, NURS 330 and 351.  
**Grading Status:** Letter grade.

### NURS 311. Clinical Nursing Skills and Health Assessment II: On Campus Clinical II. 1 Credits.

This is the second in a series of four on-campus clinical courses with application of advanced clinical nursing skills and comprehensive health assessment to specialized populations. This course emphasizes application of mental health and reproductive health concepts. The clinical environment is simulated to provide the application of nursing principles and skills. Majors only.


#### Rules & Requirements

**Requisites:** Prerequisites, NURS 310 and 330; Corequisite, NURS 352.  
**Grading Status:** Letter grade.

### NURS 320. Culture and Nursing Care. 3 Credits.

Relationship of culture to health and health care practices. Role of culture in structure and delivery of health care in selected countries, and with selected indigenous and minority populations. Majors only.

#### Rules & Requirements

 IDEAs in Action Gen Ed: FC-GLOBAL.  
**Grading Status:** Letter grade.

### NURS 321. Nursing Global Clinical Practicum. 1 Credits.

Practicum addressing needs of individuals, families, or communities in a global or "local as global" setting.

#### Rules & Requirements

**Requisites:** Pre- or corequisite, NURS 320.  
**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 2 total credits. 2 total completions.  
**Grading Status:** Pass/Fail.

### NURS 330. Nursing Care of Adults I. 4 Credits.

This course considers how nursing influences the health and healing capacities of adults. Students will attain the knowledge necessary to complete a comprehensive assessment of the older adult's physical, functional, psychosocial, and cognitive capacities. Clinical experiences in post-acute care settings provide opportunities for clinical reasoning, clinical care, and knowledge integration. Majors only.

#### Rules & Requirements

**Requisites:** Corequisites, NURS 310 and 351.  
**Grading Status:** Letter grade.

### NURS 351. Pathophysiology/Pharmacology Across the Lifespan I. 3 Credits.

Part one of a two-part course series focusing on the physiologic changes that occur as a result of select disease processes. Additionally, the clinical manifestations of altered health and related pharmacotherapy are addressed. Majors only.

#### Rules & Requirements

**Requisites:** Corequisite, NURS 330.  
**Grading Status:** Letter grade.

### NURS 352. Pathophysiology/Pharmacology Across the Lifespan II. 3 Credits.

Part two of a two-part course series focusing on the physiologic changes, the clinical manifestations of altered health, and the pharmacotherapy used to treat complex disease processes. Safe and effective medication administration by the Registered Nurse will be explored. Majors only.

#### Rules & Requirements

**Requisites:** Prerequisite, NURS 351.  
**Grading Status:** Letter grade.

### NURS 365. Evidence-Based Care of Older Adults. 3 Credits.

This course emphasizes evidence-based care of the older adult across the care continuum and examines resources available for caregivers of this population.

#### Rules & Requirements

**Grading Status:** Letter grade.

**NURS 384. Family Focused Genomic Health Care. 1 Credits.**

This course focuses on the essential competencies in genetics and genomics for all registered nurses. A family perspective is used to help students relate advances in genomics to nursing care. Majors Only.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Advanced Undergraduate and Graduate-level****NURS 401. Integrating Principles of Leadership, Quality and Safety, and Informatics into Nursing Practice. 3 Credits.**

This course focuses on systems thinking and complexity, development of leadership roles and skills, and interprofessional communication and teamwork. All Carolina Core tenets are examined; however, leadership, quality and safety, and informatics are central foci. Majors Only.

**Rules & Requirements**

**Grading Status:** Letter grade.

**NURS 402. Foundations of Population Health and Global Health: Carolina Core IV. 2 Credits.**

In this course, all Carolina Core tenets are explored; however, there is a focus on population health and global health as essential components of nursing. Students will examine global health challenges as well as policy strategies of promoting health for all. Majors Only.

**Rules & Requirements**

**Grading Status:** Letter grade.

**NURS 410. Clinical Nursing Skills and Health Assessment III: On Campus Clinical III. 1 Credits.**

The third in a series of four on campus clinical courses with application of advanced clinical nursing skills and comprehensive health assessment to specialized populations. This course emphasizes application of leadership, pediatric and community health concepts. The clinical environment is simulated to provide the application of nursing principles and skills. Majors Only.

**Rules & Requirements**

**Requisites:** Prerequisites, NURS 310, 311, and 352; Pre- or corequisite, NURS 484.

**Grading Status:** Letter grade.

**NURS 411. Clinical Nursing Skills and Health Assessment IV: On Campus Clinical IV. 1 Credits.**

Fourth in a series of four on-campus clinical courses with application of advanced clinical nursing skills to specialized populations with a focus on transition to practice. The clinical environment is simulated to provide the application of nursing principles and skills.

**Rules & Requirements**

**Requisites:** Prerequisites, NURS 310, 311, 352, and 410; Corequisite, NURS 697.

**Grading Status:** Letter grade.

**NURS 430. Nursing Care of Adults II. 5 Credits.**

Centers on management of adults experiencing complex health problems and focuses on application of evidence based practice and skill acquisition needed to care for acutely ill patients through transitions in an illness experience. Clinical experience in acute care settings provide application for clinical reasoning, clinical care, and knowledge integration. Majors Only.

**Rules & Requirements**

**Requisites:** Prerequisites, NURS 310, 311, 330, and 352.

**Grading Status:** Letter grade.

**NURS 461I. Exploring Social Determinants of Health Across Populations. 3 Credits.**

This seminar allows students to explore how social determinants of health affect the health of populations.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-SERVICE.

**Grading Status:** Letter grade.

**Same as:** EDUC 461I.

**NURS 481. Mental Health Promotion and Psychiatric Care Across Populations and Settings. 5 Credits.**

Using selected theories of human psychosocial development, psychopathology, and psychotherapy, this course requires students to advance their use of therapeutic communication skills, examine the range and complexities of human emotional suffering, and apply methods of effective intervention. Majors Only.

**Rules & Requirements**

**Requisites:** Prerequisites, NURS 330 and 351; Pre- or corequisites, NURS 311 and 352.

**Grading Status:** Letter grade.

**NURS 482. Reproductive Health and Nursing Care of the Childbearing Family. 5 Credits.**

The course emphasizes development of caring and critical thinking skills in providing evidence-based nursing care focused on reproductive health and care of childbearing families. Majors Only.

**Rules & Requirements**

**Requisites:** Prerequisites, NURS 351 and 330; Pre- or corequisites, NURS 311 and 352.

**Grading Status:** Letter grade.

**NURS 483. Family-Centered Nursing Care from Birth through Adolescence. 5 Credits.**

This course emphasizes development of caring and critical thinking skills in providing evidence-based, family centered, culturally responsive nursing care to infants, children, and adolescents throughout the care continuum. Majors Only.

**Rules & Requirements**

**Requisites:** Prerequisites, NURS 311, 330, and 352; Pre- or corequisite, NURS 430.

**Grading Status:** Letter grade.

**NURS 484. Public Health Nursing in Community Settings. 4 Credits.**

Students apply evidence-based public health concepts to community practice to improve health and reduce disparities across the life span, emphasizing interventions using partnership strategies at individual, family, organizational, and policy levels. Majors only.

**Rules & Requirements**

**Requisites:** Prerequisites, NURS 311, 330, and 352; corequisite, NURS 410.

**Grading Status:** Letter grade.

**NURS 496. Advanced Practicum in Nursing. 1-3 Credits.**

Majors only. The focus of this course is the development of knowledge and experience related to research or service learning and its application to the practice of nursing and health care.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit.

**Grading Status:** Letter grade.

**NURS 497. Preparation for Professional Practice. 1 Credits.**

This course will assist students in preparation for the NCLEX-RN examination through a strategic and systematic individualized plan of study that utilizes testing programs and other relevant resources.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 3 total credits. 3 total completions.

**Grading Status:** Letter grade.

**NURS 510. Management of the Critically Ill Adult. 3 Credits.**

This hybrid course, offered in collaboration with UNC Hospitals, focuses on collaborative management of critically ill adult patients. Students will gain advanced skills and demonstrate critical thinking to apply evidence based practice to care for critically ill patients across the continuum of care.

**Rules & Requirements**

**Requisites:** Prerequisite, NURS 430.

**Grading Status:** Letter grade.

**NURS 512. Care of Individuals with Cancer and their Families. 3 Credits.**

This course focuses on the cancer experience of individuals and families across the lifespan (pediatric to older adults). The cancer control continuum framework will guide content focused discussions on prevention and risk reduction, screening, diagnosis, treatment, survivorship, and end-of-life care.

**Rules & Requirements**

**Requisites:** Prerequisites, NURS 301 and 330; pre- or corequisite, NURS 352.

**Grading Status:** Letter grade.

**NURS 514. Pediatric Emergency and Critical Care Fundamentals. 3 Credits.**

This course, offered in collaboration with UNC Hospitals, focuses on the collaborative care of pediatric patients in the emergency department and in critical care units (NICU, PICU). Students will be introduced to advanced assessments and interventions utilized in these environments. Students will also discuss interdisciplinary challenges specific to pediatric emergency and critical care and investigate evidence-based solutions to some of these challenges. Majors only.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, NURS 483.

**Grading Status:** Letter grade.

**NURS 600. SHAC: Student Health Action Coalition. 0 Credits.**

This course provides service-learning opportunities to apply nursing practice within the context of interprofessional care for vulnerable populations by participating with Student Health Action Coalition (SHAC) activities.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 0 total credits. 8 total completions.

**Grading Status:** Pass/Fail.

**NURS 601. Experiential Learning in Nursing. 0 Credits.**

This course provides experiential educational opportunities to apply nursing practice through volunteer participation in select communities. Majors only.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 0 total credits. 8 total completions.

**Grading Status:** Pass/Fail.

**NURS 607I. Interprofessional Team Work and Communication - Key to Patient Safety. 3 Credits.**

Majors only. This interprofessional course focuses on understanding roles, teamwork, and communication to improve patient safety within the health care environment. National standards and initiatives will be the foundation of the course. Pass/Fail only.

**Rules & Requirements**

**Grading Status:** Letter grade.

**NURS 609. Health Care in the Global Context. 1 Credits.**

A faculty-led experiential learning opportunity focusing on development and knowledge related to research, health care systems, or service learning and its application to nursing and health care. Majors only or permission of the instructor.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, NURS 320.

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 8 total credits. 8 total completions.

**Grading Status:** Letter grade.

**NURS 610. Introductory Spanish for Health Professionals. 3 Credits.**

This course is intended for students who know no Spanish or so little that they feel the need to start over. Students with more than two semesters of college Spanish are not eligible. The course covers the curriculum of first-semester Spanish taught within a health context, with a focus on speaking.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PUBH 610.

**NURS 611. Supporting the Childbearing Family. 3 Credits.**

Application required. An interprofessional, service-learning approach to studying maternity care. Students will receive professional doula training and volunteer as birth doulas within the Volunteer Doula Service Program at North Carolina Women's Hospital.

**Rules & Requirements**

**Grading Status:** Letter grade.

**NURS 613I. Intermediate Spanish for Health Care I. 3 Credits.**

This intermediate course is the equivalent of the third semester of college Spanish. Students will hone their listening and speaking skills in class primarily through role-playing activities and class discussion. Activities center on an original film set in a health clinic in rural North Carolina.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PUBH 613, HSCI 613I, SOWO 613I.

**NURS 615I. Advanced Spanish for Health Care I. 3 Credits.**

Required preparation, third semester Spanish or equivalent. This advanced course reviews the grammar of the third and fourth semester of college Spanish. Students hone their listening and speaking skills through role-playing activities and class discussion. Activities center on an original film set in a Latino-run health clinic.

**Rules & Requirements**

**Grading Status:** Letter grade.

**Same as:** PUBH 615, HSCI 615I, SOWO 615I.

**NURS 616. Experiential Learning in Nursing: A Collaboration with UNC Health Center for Nursing Excellence. 3 Credits.**

This course provides experiential educational opportunities to apply nursing practice through volunteer participation in select communities associated with UNC Health. Admission to the undergraduate nursing program required.

**Rules & Requirements**

**Requisites:** Pre- or corequisite, NURS 430.

**Grading Status:** Letter grade.

**NURS 620. Mindfulness and Self-Compassion for Caring Professionals. 3 Credits.**

This course is designed to introduce students to rationale, research, and practices of mindfulness and self-compassion. Upon course completion, students will exhibit knowledge and skills related to mindfulness/contemplative practice/training, research evidence on mindfulness for enhancing provider self-care, patient/client engagement, and wellness (e.g., reducing stress, burnout, and fatigue; increasing resilience). Majors only; permission of the instructor for non-majors.

**Rules & Requirements**

**Grading Status:** Letter grade.

**NURS 625. Global and Interprofessional Approaches to Solve Complex Cases. 3 Credits.**

This course uses a case-based approach to assist students to identify and critically examine challenging issues in health care, develop presentation skills as well as critical thinking from an interprofessional perspective. Students will work in interprofessional teams on a global complex case. Using this approach, students will attain the knowledge necessary to analyze and present results for a comprehensive case at the individual, organizational, and community levels. Open to undergraduate students with permission from instructor.

**Rules & Requirements**

**Grading Status:** Letter grade.

**NURS 671. Nursing Inquiry and Evidence-Based Practice for Advanced Scholarship. 3 Credits.**

Introduction to scientific inquiry, evidence-based practice, and nursing/healthcare innovations. Emphasis on: theory; ethics; problem identification; question development; design selection; data analysis and interpretation; statistical applications; and appraisal of research reports. Admission to an undergraduate BSN program and eligible to take required undergraduate nursing research course; the Hillman Scholars program; or PhD in Nursing Program required.

**Rules & Requirements**

**Grading Status:** Letter grade.

**NURS 675. Hillman Scholars in Nursing Innovation: Integrative Seminar. 1 Credits.**

Cultivates students' development as nurse scientists, scholars, and leaders to improve health care quality, safety, and delivery, and to influence policies that promote health and strengthen health systems outcomes. Admission to the Hillman Scholars Program in Nursing Innovation is required.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit.

**Grading Status:** Letter grade.

**NURS 680. Experimental Courses. 1-3 Credits.**

Pilot test for new courses in the nursing program.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit; may be repeated in the same term for different topics; 12 total credits. 4 total completions.

**Grading Status:** Letter grade.

**NURS 685I. Care of the Dying and Bereaved throughout the Life Span. 3 Credits.**

Students from a variety of health sciences-related disciplines gain an understanding of issues in working with dying and bereaved individuals of all ages and their families.

**Rules & Requirements**

**Repeat Rules:** May be repeated for credit. 6 total credits. 2 total completions.

**Grading Status:** Letter grade.



**NURS 691H. Honors in Nursing, Part I. 3 Credits.**

Permission of the program director. Majors only. Preparation of a two-semester honors project under the direction of department advisors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**NURS 692H. Honors in Nursing, Part II. 3 Credits.**

Permission of the program director. Majors only. Preparation of a two-semester honors project under the direction of department advisors.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** RESEARCH.

**Making Connections Gen Ed:** EE- Mentored Research.

**Grading Status:** Letter grade.

**NURS 697. Capstone: Transitions in Care and Practice. 6 Credits.**

Students will incorporate previously learned leadership concepts, clinical skills, therapeutic communication, and critical thinking to deliver quality nursing care, using evidence based practice, in varied settings with faculty and RN guidance. Preparing for the NCLEX-RN examination and strategies for successful transition from student nurse to registered nurse will be explored. Majors only.

**Rules & Requirements**

**IDEAs in Action Gen Ed:** HI-INTERN.

**Making Connections Gen Ed:** EE- Field Work.

**Requisites:** Prerequisites, NURS 330, 430, 481, 482, and 483; Corequisites, NURS 402 and 411.

**Grading Status:** Letter grade.

## Contact Information

**School of Nursing**

Visit Program Website (<http://nursing.unc.edu>)

Carrington Hall, CB# 7460

(919) 966-4260

**Dean and Professor**

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**Assistant Dean, Student Affairs**

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## Nursing Major, B.S.N.

Courses in the nursing major are taken at the upper-division level. The courses build on a strong foundation in the sciences and humanities to develop the knowledge and skills needed to practice nursing in contemporary society. Clinical experiences take place in a broad variety of settings that reflect current patterns of health care delivery and provide opportunities for students to develop competence in empathetic care, critical thinking, technical skills, clinical judgment and decision making, interdisciplinary collaboration, and management of care.

Admission (p. 1137) to the program is required.

## Program of Study

The School of Nursing at the University of North Carolina at Chapel Hill offers an undergraduate program of study designed to provide students with the knowledge, skill, and understanding necessary to function effectively in all areas of professional nursing. The curriculum leading to the bachelor of science in nursing (B.S.N.) degree offers three options for study:

1. Two years of upper-division courses in the School of Nursing, which follow two years of lower-division courses in the General College (or equivalent courses completed at another college/university)
2. An accelerated second degree option for students with a previous bachelor's degree (A.B.S.N. Option).
3. Military Pathway option for armed forces veterans and active duty service members from any branch, including past service in the Reserves or National Guard. See School of Nursing website (<https://nursing.unc.edu/academic-programs/bsn/apply-military/>) for additional details.

Students are subject to the requirements in place when they are admitted to the School of Nursing. Students admitted in prior years followed previous plans of study in the catalog year in which they were admitted to the School of Nursing.

## Critical Information for ALL Nursing Students

### Essential Standards for Admission, Progression, and Graduation

The curricula leading to degrees in nursing from the University of North Carolina at Chapel Hill School of Nursing require students to engage in diverse and complex experiences directed at the acquisition and practice of essential nursing skills and functions. Unique combinations of cognitive, affective, psychomotor, physical, and social abilities are required to perform these functions satisfactorily. In addition to being essential to the successful completion of the requirements of a nursing degree, these skills and functions are necessary to ensure the health and safety of patients, fellow students, faculty members, and other health care providers.

The Essential Standards document describes the nonacademic qualifications, required in addition to academic qualifications, which the school considers critical for entrance to, continuation in, and graduation from a UNC–Chapel Hill School of Nursing degree program. Candidates for nursing degrees, with the exception noted for selected graduate programs, must be able to meet these minimum standards, with or without reasonable accommodation, for successful completion of degree requirements. Refer to the school's website (<https://nursing.unc.edu/academic-programs/bsn/>) for additional information.

### Professional Risk

The practice of nursing involves the care of individuals who are ill or injured. Communicable diseases are common in health care delivery settings and may be a threat to nursing students. During the performance of clinical practice/research activities, a student may have contact with patients/subjects with COVID-19 and variants, HIV/AIDS, tuberculosis, hepatitis B, hepatitis C, and other infections. Such contact, although rare when proper preventive measures are used, may result in a student's being exposed to infectious agents and/or transmitting an infectious

disease to other students, faculty members, patients, family members, and subjects. During pregnancy, the fetus may be at risk. Students enrolled in the School of Nursing at UNC–Chapel Hill are expected to provide care to patients who may have known or unknown communicable diseases. Application to and acceptance of an offer from the School of Nursing indicates a student's understanding of related professional risks.

## Fitness for Practice

All students admitted to the School of Nursing are required by the North Carolina Board of Nursing to provide documentation of their fitness to provide safe nursing care to the public. Failure to provide requisite documentation will result in the withdrawal of the admission offer. Additionally, North Carolina law requires incoming students to present to the University, before the first day of enrollment, evidence verifying that the student has received all required immunizations.

Further, federal and state statutory regulations and clinical affiliate contractual mandates require that nursing students demonstrate particular cognitive and clinical competencies consistent with minimum professional practice standards. Students must attain and maintain full compliance with all such requirements. The school also requires students to undergo, at the student's expense, a 12-panel urine drug screen and a criminal history database check following admission acceptance. The check covers all addresses where the student has lived, worked, or attended an educational institution in the past seven years or since the 16th birthday, whichever is less. Database checks will address all criminal charges, felony and misdemeanor level convictions (except minor traffic related violations), and the Sexual Offender/Predator Registry for all states in which the student has lived. Reports are shared with clinical agencies that require that all charges be resolved prior to the start of clinical practice. Clinical agencies may impose additional requirements at their discretion, which must be completed at the student's expense. Questions about these requirements may be directed to the Clinical Support Division.

## Disability Statement

Consistent with its mission and philosophy, the School of Nursing at the University of North Carolina at Chapel Hill is committed to providing educational opportunities to students with disabilities. In accordance with the Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act, the school provides reasonable accommodations to otherwise qualified students with disabilities. The decision regarding appropriate accommodations will be based on the specifics of each case.

Students who seek reasonable accommodations for disabilities must contact the Office of Accessibility Resources & Service (<https://ars.unc.edu/>) ([919] 962-8300). Staff in this office will determine a student's eligibility for, and recommend, appropriate accommodations and services.

## Computer Requirements

All School of Nursing students are required to use e-mail for conveying course/clinical/research/other school-related business. All e-mail communication regarding School of Nursing matters must utilize the student's University e-mail address only. The use of external e-mail services is not permitted. School of Nursing courses use the Sakai learning management system, which requires frequent reliable access to Internet resources. For both these reasons, easy access to personal computers and the Web are imperative. The School of Nursing provides a PC laboratory solely for the use of undergraduate students, and students may also access PC laboratory facilities elsewhere on campus.

All B.S.N. and A.B.S.N. option students are required to have a laptop computer that meets the minimum requirements specified for the preloaded laptop computers available through the University's Carolina Computing Initiative (CCI) program (<http://cci.unc.edu/new-students/minimum-laptop-requirement/>). Choosing a vendor for the laptop purchase is the student's prerogative; however, it is important to note that the University provides "software and operating system support for non-CCI laptops on a best-effort basis. Hardware support for non-CCI laptops is the responsibility of the owner" (source: CCI.unc.edu (<http://CCI.unc.edu>)). In addition to the computer itself, students must have an internet service provider (ISP) and an account for a high-speed access service.

Of note: the School of Nursing uses ExamSoft for testing. Students are required to purchase this program and ensure computer compatibility with the program.

## Vehicular Requirements

Because of the broad scope of clinical facilities and locations, **undergraduate nursing students must have access to a car.** For information about the North Carolina requirements for automobile liability insurance, vehicle registration, and operator's license, write to the North Carolina Department of Motor Vehicles, Raleigh, N.C. 27602. Students and/or parents are responsible for maintaining appropriate insurance coverage. Some insurance companies may consider such travel as "business driving." Expenses for travel are the responsibility of the student.

## Registered Nurse Licensure Examination Requirements

The North Carolina Board of Nursing (NCBON) requires all graduates of the School of Nursing who apply to take the National Council Licensure Examination (NCLEX) to undergo a routine criminal background check, which necessitates submission of a complete set of fingerprints with the NCLEX application. A Social Security Number is required for the licensure application to the NCBON.

## New Student Orientation

All newly admitted undergraduate students are required to attend a mandatory orientation session prior to the start of courses during their first semester. To determine when classes begin, view the University's academic calendar (<http://registrar.unc.edu/academic-calendar/>). UNC–Chapel Hill students who are studying abroad in the spring semester prior to matriculation should ensure their study abroad program will allow them to return to Chapel Hill prior to the new student orientation.

## Student Learning Outcomes

*The student learning outcomes described in this catalog apply to students admitted to the School of Nursing during the 2019–2020 academic year and beyond. Students admitted in prior years will be held to the expectations of the student learning outcomes in the catalog year in which they were admitted to the School of Nursing.*

The B.S.N. program prepares graduates as nurse generalists to:

- Demonstrate care for individuals, families, groups, communities, and populations in a culturally responsive manner. Culturally responsive care includes the intersection of cultural humility and sensitivity, determinants of health, and individuality to promote health equity. {Diversity and Inclusion}

- Exhibit professional values reflective of ethical principles, consistent with the nursing code of ethics and the scope and standards of professional nursing practice. {Ethics}
- Develop global health knowledge and skills to engage in solutions to improve health equity in North Carolina and around the world. {Global Health}
- Contribute to the development and implementation of innovations to improve health outcomes. Health innovations can be promotive, preventive, protective, and/or restorative. {Health Innovations}
- Use informatics to communicate, support clinical decision-making and patient education, and enhance the quality and safety of care. {Informatics}
- Exhibit patient advocacy, appraise and apply evidence, and evaluate policy within an ever-changing healthcare environment. {Leadership}
- Identify the needs of populations and implement interventions with other members of the healthcare team that are expected to promote optimal health, prevent disease, and improve health equity across diverse settings. {Population Health}
- Contribute to a culture of safety and quality improvement by delivering evidence-based, patient-centered care within intra and interprofessional teams. {Quality and Safety}
- Demonstrate empathy for, connection to, and being with the patient. This requires a balance between knowledge, skills, professional confidence, maturity, and compassion towards ourselves, our colleagues, patients and families based in the principles of relationship-centered care. {Relationship-Centered Care}
- Use the research process to appraise and apply evidence with clinical knowledge to maintain a scientifically sound practice. {Research}
- Present written and verbal ideas in a logical and cohesive manner to effectively share evidence of best practice. {Scholarly Communication and Writing}

NURS 310	Clinical Nursing Skills and Health Assessment I: On Campus Clinical I	2
NURS 311	Clinical Nursing Skills and Health Assessment II: On Campus Clinical II	2
NURS 330	Nursing Care of Adults I	4
NURS 351	Pathophysiology/Pharmacology Across the Lifespan I	3
NURS 352	Pathophysiology/Pharmacology Across the Lifespan II	3
NURS 384	Family Focused Genomic Health Care	1
NURS 401	Integrating Principles of Leadership, Quality and Safety, and Informatics into Nursing Practice	3
NURS 402	Foundations of Population Health and Global Health: Carolina Core IV	2
NURS 410	Clinical Nursing Skills and Health Assessment III: On Campus Clinical III	2
NURS 411	Clinical Nursing Skills and Health Assessment IV: On Campus Clinical IV	2
NURS 430	Nursing Care of Adults II	5
NURS 481	Mental Health Promotion and Psychiatric Care Across Populations and Settings	4
NURS 482	Reproductive Health and Nursing Care of the Childbearing Family	4
NURS 483	Family-Centered Nursing Care from Birth through Adolescence	4
NURS 484	Public Health Nursing in Community Settings	4
NURS 697	 Capstone: Transitions in Care and Practice	6
NURS---	Required NURS elective <sup>1</sup>	3
<b>Total Hours</b>		<b>60</b>



<sup>1</sup> A total of 3 hours of NURS elective is required. This may be a single course, or multiple NURS courses that total at least 3 hours. NURS electives may be taken in any semester.

## Requirements of the Major

### A.B.S.N. and B.S.N. Options

Students are admitted to the baccalaureate nursing program at the upper-division level. All lower-division courses must be completed before beginning nursing courses; see the admission criteria and prerequisite information in the Catalog (p. 1137).



Students are subject to the requirements in place when they are admitted to the School of Nursing; consequently, the requirements described in this catalog particularly apply to students admitted to the School of Nursing during the 2019–2020 academic year and beyond. Students admitted in prior years will follow the plans of study in the catalog year in which they were admitted to the School of Nursing.



Code	Title	Hours
<b>Core Requirements</b>		
NURS 301	 Foundations of Relationship-Centered Care and Diversity and Inclusion: Carolina Core I	3
NURS 302	 Research, Ethics and Innovation: Carolina Core II	3

## Plans of Study

### B.S.N. Option Plan of Study (Five Semesters)

Course plan for August matriculation.



Code	Title	Hours
<b>Fall</b>		
NURS 301	 Foundations of Relationship-Centered Care and Diversity and Inclusion: Carolina Core I	3
NURS 310	Clinical Nursing Skills and Health Assessment I: On Campus Clinical I	2
NURS 330	Nursing Care of Adults I	4
NURS 351	Pathophysiology/Pharmacology Across the Lifespan I	3
NURS 384	Family Focused Genomic Health Care	1
<b>Spring</b>		
NURS 302	 Research, Ethics and Innovation: Carolina Core II	3
NURS 311	Clinical Nursing Skills and Health Assessment II: On Campus Clinical II	2

NURS 352	Pathophysiology/Pharmacology Across the Lifespan II	3	NURS 401	Integrating Principles of Leadership, Quality and Safety, and Informatics into Nursing Practice	3
NURS 481	Mental Health Promotion and Psychiatric Care Across Populations and Settings	4	NURS 410	Clinical Nursing Skills and Health Assessment III: On Campus Clinical III	2
<b>Summer</b>			NURS 430	Nursing Care of Adults II	5
NURS 430	Nursing Care of Adults II	5	NURS 483	Family-Centered Nursing Care from Birth through Adolescence	4
NURS 482	Reproductive Health and Nursing Care of the Childbearing Family	4	NURS 484	Public Health Nursing in Community Settings	4
<b>Fall</b>			<b>SUMMER</b>		
NURS 401	Integrating Principles of Leadership, Quality and Safety, and Informatics into Nursing Practice	3	NURS 402	Foundations of Population Health and Global Health: Carolina Core IV	2
NURS 410	Clinical Nursing Skills and Health Assessment III: On Campus Clinical III	2	NURS 411	Clinical Nursing Skills and Health Assessment IV: On Campus Clinical IV	2
NURS 483	Family-Centered Nursing Care from Birth through Adolescence	4	NURS 697	 Capstone: Transitions in Care and Practice	6
NURS 484	Public Health Nursing in Community Settings	4	Required NURS elective <sup>1</sup>		3
<b>Spring</b>			<b>Total Hours</b>		<b>60</b>
NURS 402	Foundations of Population Health and Global Health: Carolina Core IV	2	<sup>1</sup> A total of 3 hours of NURS elective is required. This may be a single course, or multiple NURS courses that total at least 3 hours. NURS electives may be taken in any semester.		
NURS 411	Clinical Nursing Skills and Health Assessment IV: On Campus Clinical IV	2	<b>Military Option</b>		
NURS 697	 Capstone: Transitions in Care and Practice	6	Individual plans of study will be developed for each admitted student.		
Required NURS elective <sup>1</sup>		3	<b>Special Opportunities in Nursing</b>		
<b>Total Hours</b>		<b>60</b>	<b>Hillman Scholars Program in Nursing Innovation</b>		

<sup>1</sup> A total of 3 hours of NURS elective is required. This may be a single course, or multiple NURS courses that total at least 3 hours. NURS electives may be taken in any semester.

## A.B.S. N. Option Plan of Study (Four Semesters)

Course plan for May matriculation.

Code	Title	Hours
<b>Summer</b>		
NURS 301	 Foundations of Relationship-Centered Care and Diversity and Inclusion: Carolina Core I	3
NURS 310	Clinical Nursing Skills and Health Assessment I: On Campus Clinical I	2
NURS 330	Nursing Care of Adults I	4
NURS 351	Pathophysiology/Pharmacology Across the Lifespan I	3
NURS 384	Family Focused Genomic Health Care	1
<b>Fall</b>		
NURS 302	 Research, Ethics and Innovation: Carolina Core II	3
NURS 311	Clinical Nursing Skills and Health Assessment II: On Campus Clinical II	2
NURS 352	Pathophysiology/Pharmacology Across the Lifespan II	3
NURS 481	Mental Health Promotion and Psychiatric Care Across Populations and Settings	4
NURS 482	Reproductive Health and Nursing Care of the Childbearing Family	4
<b>Spring</b>		

UNC–Chapel Hill School of Nursing is one of only two schools nationally that has been awarded renewal funding for the Hillman Scholars Program in Nursing Innovation (<https://nursing.unc.edu/academic-programs/bsn/hillman-scholars-program-in-nursing-innovation/>) grant. The program's primary goal is to create a new cadre of nurse scientists and leaders who will design innovative solutions for health care delivery. This highly competitive program is open to new undergraduate students and provides a pathway for students to earn their B.S.N. and Ph.D. in five to six years. At least four academically talented nursing students will be admitted to the program each year and receive financial and enhanced mentoring support to facilitate their progress towards the Ph.D. By completing a Ph.D. early in their career, Hillman Scholars will have a longer time to influence patient care through leadership, innovation, and research in academic and clinical settings.

## Departmental Involvement

Students are encouraged to participate in student leadership opportunities. These include the elected class governance system, the Dean's Student Advisory Council, the Association of Nursing Students (the only pre-professional nursing organization available), the Student Health Action Coalition, and a variety of special interest groups.

## Experiential Education

The nursing program requires extensive direct clinical practice in a variety of acute care, chronic care, and community-based settings considered essential for the preparation of competent practitioners. Clinical contact time varies by study option and course.

## Financial Aid

Students granted admission to the School of Nursing seeking the baccalaureate degree at UNC–Chapel Hill may be considered for a variety of nursing-specific scholarships and other financial aid opportunities.

For assistance, contact the Office of Scholarships and Student Aid by phone at (919) 962-8396 or through the Web at [studentaid.unc.edu](http://studentaid.unc.edu) (<http://studentaid.unc.edu>), or call the Office of Students Affairs at (919) 966-4260.

## Study Abroad

Students are encouraged to participate in a variety of study abroad options offered through elective courses. Opportunities vary each academic year.

## Undergraduate Awards

During the final semester of study, high achieving students (GPA  $\geq$  3.5) in each option will be invited to membership in Sigma Theta Tau International Nursing Honor Society. The George Livas Award recognizes the graduating student who most clearly demonstrates academic excellence and leadership.

## Undergraduate Research

Through the honors program (<http://honorscarolina.unc.edu>) the University and the School of Nursing recognize undergraduates who have demonstrated exceptional academic ability and independent work in their major. Qualified and interested students in their last two semesters of study will be paired with a faculty advisor who guides the student in an independent study honors project. The Associate Dean for the undergraduate program supervises the honors program. Students participating in the honors program must have a cumulative University grade point average that meets University requirements. In addition, students must have and maintain a 3.4 cumulative nursing grade point average. Calculation of the cumulative grade point average is based solely on the required hours earned to date for the nursing degree. Grade point averages are not rounded. The student and honors advisor work together to develop a plan for the project, and the student must register for NURS 691H and NURS 692H. Each honors course carries three hours of credit and is assigned a letter grade by the advisor. A student's project must show evidence of independent, creative, abstract, analytical, and critical thinking.

## Contact Information

### School of Nursing

Visit Program Website (<http://nursing.unc.edu>)  
Carrington Hall, CB# 7460  
(919) 966-4260

### Dean and Professor

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### Associate Dean, Undergraduate Division and Program

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### Assistant Dean, Student Affairs

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## UNC Eshelman School of Pharmacy Introduction

Pharmacists are drug information experts and are among the most trusted and most accessible of health care professionals. Generalists practice in a variety of environments, including community pharmacies,

health-system pharmacies, and the pharmaceutical and health care industries. Specialty pharmacy practitioners pursue training beyond the doctor of pharmacy (Pharm.D.) through residencies and fellowships and may ultimately practice in areas such as pediatrics, geriatrics, cardiology, oncology, ambulatory/community care, and others.

Pharmacists evaluate complex approaches to drug therapy and advise patients and other health care professionals on strategies to achieve the best results from pharmaceutical care. Other pharmacists are engaged in practices that monitor, manage, and implement policies affecting drug prescribing and use across large groups of patients, such as those enrolled in a health plan.

The UNC Eshelman School of Pharmacy's doctor of pharmacy is a 4-year professional program that offers a curriculum centered on patient care. The doctor of pharmacy leads to a strong understanding of health quality and delivery across many innovative avenues.

Our Pharm.D. program offers a highly immersive curricula, where students aren't confined to classroom lecture environment. Patient care immersion experiences commence during students' second year of study.

As if the changes in health care and employer demands aren't enough, the amount of information about health and medicines that aspiring health professionals must master has grown substantially. We no longer accept the outdated assumption that a professor's job is to teach you everything you need to know. We recognize that you are a native of this highly interconnected world where information is easily available and freely accessible and technologies abound to support your learning.

## Advising

Advising in the UNC Eshelman School of Pharmacy is a form of teaching. Advising fosters within student pharmacists skills, abilities, and dispositions that encourage directed career exploration as well as ongoing professional development, lifelong learning, and growth. Faculty advisors serve as content experts and mentors and are assigned to new students prior to the first semester of study. To fully maximize both curricular and co-curricular experiences, students are encouraged to schedule consistent and ongoing advising appointments throughout the course of their study. Professional advisors are also available to assist with student success strategies, decision making, and goal setting. Advising-related inquiries can be addressed to the Office of Curricular and Student Affairs (<http://pharmacy.unc.edu/osa/>) in 109 Beard Hall.

## Facilities

The UNC Eshelman School of Pharmacy houses state-of-the-art teaching and research laboratory facilities. The School utilizes cutting-edge video teleconferencing and recording equipment used primarily for delivery of instruction to the satellite campus but also available to graduate and continuing education.

## Career Opportunities

Pharmacy offers a variety of opportunities for career advancement and job security. Because pharmacy education draws from the chemical, physical, biological, and behavioral sciences to develop its knowledge base, pharmacists can contribute to the rational use of medications in many settings. Pharmacists work in all areas of the health care system, including

- Community pharmacy, as a practitioner or a manager in a retail pharmacy, clinic, or office practice

- Health system pharmacy, as practitioner, supervisor, or manager in large or small hospitals, nursing homes, extended care facilities, and health-maintenance organizations
- Pharmaceutical industry, in positions involving research, production, product development, product marketing, and drug information
- Government, in the United States Public Health Service, Veterans Administration, Drug Enforcement Administration, Food and Drug Administration, and military services

## Admission Requirements

The doctor of pharmacy requires at least two years of undergraduate study (at least 72 credit hours), followed by four years of study in the professional program.

Applicants must complete all prerequisites by the end of May of the year they plan to enroll.

Students who will have earned a baccalaureate degree prior to enrolling in their first year of the program must complete the math and science prerequisites only.

Students who will not have earned a baccalaureate degree prior to enrolling in their first year of the program must complete both the math and science prerequisites and the general education requirements.

## Application Procedures

Students applying to the UNC Eshelman School of Pharmacy must submit complete applications to the Pharm.D. program through the Pharmacy College Application Service (PharmCAS) and the school. For application deadlines, processes, and procedures, visit the website (<http://www.pharmacy.unc.edu>).

## Prerequisites

All prerequisite courses must be completed with a letter grade of C minus or better (not Pass/Fail).

### If you have a bachelor's degree:

Code	Title	Hours
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>1, H</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry <sup>H</sup>	4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H, F</sup>	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>H</sup>	4
MCRO 251	Introductory Medical Microbiology	4

PHYS 114	General Physics I: For Students of the Life Sciences <sup>F</sup>	4
PHYS 115	General Physics II: For Students of the Life Sciences <sup>2, F</sup>	4
MATH 231	Calculus of Functions of One Variable I <sup>H, F</sup>	4
STOR 151	Introduction to Data Analysis	3
or STOR 155	Introduction to Data Models and Inference	
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.




<sup>1</sup> Only required for students completing prerequisite courses at UNC–Chapel Hill.

<sup>2</sup> Not required of students completing CHEM 241/CHEM 241L at UNC–Chapel Hill.

### If you do not have a bachelor's degree:

Students enrolling in the program without a bachelor's degree are required to complete at least two years of undergraduate coursework (at least 60 semester credit hours) including the math, science, and general education prerequisites from a regionally accredited institution.

Code	Title	Hours
CHEM 101 & 101L	General Descriptive Chemistry I and Quantitative Chemistry Laboratory I <sup>H, F</sup>	4
CHEM 102 & 102L	General Descriptive Chemistry II and Quantitative Chemistry Laboratory II <sup>H, F</sup>	4
CHEM 241 & 241L	Modern Analytical Methods for Separation and Characterization and Laboratory in Separations and Analytical Characterization of Organic and Biological Compounds <sup>1, H</sup>	4
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
CHEM 262 & 262L	Introduction to Organic Chemistry II and Laboratory in Organic Chemistry <sup>H</sup>	4
BIOL 101 & 101L	Principles of Biology and Introductory Biology Laboratory <sup>H, F</sup>	4
BIOL 252 & 252L	Fundamentals of Human Anatomy and Physiology and Fundamentals of Human Anatomy and Physiology Laboratory <sup>H</sup>	4
MCRO 251	Introductory Medical Microbiology	4
PHYS 114	General Physics I: For Students of the Life Sciences <sup>F</sup>	4
PHYS 115	General Physics II: For Students of the Life Sciences <sup>2, F</sup>	4

MATH 231	 Calculus of Functions of One Variable I <sup>H, F</sup>	4
STOR 151	 Introduction to Data Analysis	3
or STOR 155	 Introduction to Data Models and Inference	
CHEM 430	Introduction to Biological Chemistry <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

<sup>1</sup> Only required for students completing prerequisite courses at UNC–Chapel Hill.

<sup>2</sup> Not required of students completing CHEM 241/CHEM 241L at UNC–Chapel Hill.

### General Education Prerequisites

English 105 (Composition and Rhetoric) 3

Social sciences; 2 courses; 6  
examples of accepted courses include psychology, sociology, economics, political science, and anthropology

Humanities; two courses; examples 6  
of accepted courses include English, history, philosophy, ethics, ethnic and gender studies, social justice, or foreign language study

## Program of Study

The Pharm.D. grants entry into the profession and practice of pharmacy. It is neither an undergraduate nor a graduate degree program, but rather a professional degree such as an M.D. or D.D.S. The Pharm.D. curriculum requires a minimum of two years to satisfy prerequisite requirements, normally completed in the General College, followed by four years of professional coursework. Students are subject to the requirements in place when they are admitted to the program.

The doctor of pharmacy program is accredited by the Accreditation Council for Pharmacy Education. Graduates of the school's Pharm.D. program may sit for the state licensure examination for pharmacists.

The school has a satellite campus for the Pharm.D. program at Asheville, NC. The first students were enrolled in this satellite program in August 2011. Students based at the satellite campus receive the same instruction and are subject to the same admission and progression standards as students on the Chapel Hill campus.

Students graduating from the UNC Eshelman School of Pharmacy are expected to develop the following core competencies through coursework, immersion experiences (practical), and co-curricular experiences:

1. In-depth knowledge and proficient skills in the pharmaceutical sciences and the practice of pharmacy: Demonstrate an in-depth

understanding of medicines, human health, and health care, and apply the principles and practice of pharmacy to advance human health and health systems

2. Accessing and analyzing information: Identify, locate, critically evaluate, and process information to arrive at an informed opinion
3. Critical thinking and problem solving: Engage in the comprehensive exploration of issues, ideas, and events to identify, prevent, or solve problems
4. Communication: Effectively develop, express, and listen to ideas that inform, inspire, or create focus
5. Collaboration and influence: Work effectively with others to create networks and groups that respect differences and make progress toward a common goal
6. Adaptability: Demonstrate a willingness and ability to change in order to fit new surroundings, ideas, trends, and technologies
7. Initiative: Be self-directed; seek out new opportunities, ideas, and strategies; take responsibility for implementing plans and ideas
8. Curiosity and inquisitiveness: Demonstrate a desire to learn and understand more than is currently understood
9. Professionalism and ethical behavior: Uphold the highest standards of professional and ethical behavior and act appropriately, thoughtfully, and with integrity at all times

In addition, pharmacy graduates must pass national and state licensing examinations in order to practice as pharmacists.

## Program Requirements

See the Courses tab for a list of required and available courses.

## Special Opportunities in the UNC Eshelman School of Pharmacy Student Organizations

Pharmacy students are active in campus and community activities through their involvement with approximately 15 pharmacy student organizations. They belong to groups that link them to such national professional organizations as the American Pharmacists Association and the American Society of Health System Pharmacists. Pharmacy students provide medication reviews for elderly citizens, staff clinics for indigent patients, and participate in health fairs on campus and in local malls or corporations. Several times each year trips are planned to attend meetings across the nation. Student leadership is fostered through intentional involvement in student organizations and enrolled students are highly encouraged to invest in the opportunities offered through student organizations.

## Experiential Education

The school provides doctor of pharmacy students with a structured, supervised program of participation in the practice of pharmacy. Students gain experience in problem solving and providing patient care while applying the foundational and pharmaceutical sciences learned in the classroom and laboratories. Under the supervision of faculty and selected preceptors, students learn to make decisions based on professional knowledge and judgment. The school requires up to 15 months of full-time precepted practice with early practice experiences in the second and third professional year, followed by nine months of advanced practice experiences in the fourth professional year. The experiential education requirements of the program meet the North

Carolina Board of Pharmacy experience requirement (1,500 hours) to sit for the licensure examination.

## Residencies and Fellowships

To increase the depth of their education, many Pharm.D. graduates seek residency training in pharmacy practice. Pharmacy residencies, like medical residencies, provide stipends for further clinical training. There are over 4,000 pharmacy residency positions in the United States with sites in hospitals, community pharmacies, and some specialized facilities. Residency programs may be taken in general pharmacy practice and in specialty areas such as pediatrics, drug information, infectious diseases, oncology, psychiatry, and many others. Some Pharm.D. graduates seek additional training in research methods in drug development, pharmacokinetics, pharmacoconomics, or pharmacotherapy. Postgraduate fellowship programs involve advanced training in these areas and may occur at academic centers or in the pharmaceutical industry. Like residencies, they are paid positions.

## Distinguished Professors

**Kristy Ainslie**, Pharmacoengineering and Molecular Pharmaceutics  
**Jeffrey Aubé**, Chemical Biology and Medicinal Chemistry  
**Ronny Bell**, Pharmaceutical Outcomes and Policy  
**Bob Blouin**, Pharmacotherapy and Experimental Therapeutics  
**Kim Brouwer**, Pharmacotherapy and Experimental Therapeutics  
**Stefanie Ferreri**, Practice Advancement  
**Stephen Frye**, Chemical Biology and Medicinal Chemistry  
**Leaf Huang**, Pharmacoengineering and Molecular Pharmaceutics  
**Michael Jay**, emeritus, Pharmacoengineering and Molecular Pharmaceutics  
**Alexander Kabanov**, Pharmacoengineering and Molecular Pharmaceutics  
**Angela Kashuba**, Pharmacotherapy and Experimental Therapeutics,  
 Dean of Eshelman School of Pharmacy

**David Lawrence**, Chemical Biology and Medicinal Chemistry  
**Craig Lee**, Pharmacotherapy and Experimental Therapeutics  
**Jian Liu**, Chemical Biology and Medicinal Chemistry  
**Denise Rhoney-Metzger**, Practice Advancement  
**Betsy Sleath**, Pharmaceutical Outcomes and Policy  
**Alexander Tropsha**, Chemical Biology and Medicinal Chemistry

**Paul Watkins**, Pharmacotherapy and Experimental Therapeutics

## Professor of the Practice

**John Bamforth**, Eshelman Institute for Innovation  
**Jon Easter**, Practice Advancement  
**Ouita Gatton**, Practice Advancement  
**Anthony Hickey**, UNC Catalyst for Rare Disease  
**Stephanie Kiser**, Practice Advancement

## Professors

**Timothy Ives**, Practice Advancement  
**Jennifer Elston-Lafata**, Pharmaceutical Outcomes and Policy  
**Samuel Lai**, Pharmacoengineering and Molecular Pharmaceutics  
**Andrew Lee**, Chemical Biology and Medicinal Chemistry

**Rihe Liu**, Chemical Biology and Medicinal Chemistry

**Mary McClurg**, Practice Advancement  
**William Zamboni**, Pharmacotherapy and Experimental Therapeutics

## Associate Professors

**Albert Bowers**, Chemical Biology and Medicinal Chemistry  
**Yanguang Cao**, Pharmacotherapy and Experimental Therapeutics

**Delesha Carpenter**, Pharmaceutical Outcomes and Policy  
**Daniel Crona**, Pharmacotherapy and Experimental Therapeutics  
**Julie Dumond**, Pharmacotherapy and Experimental Therapeutics  
**Daniel Gonzalez**, Pharmacotherapy and Experimental Therapeutics  
**Nathaniel Hathaway**, Chemical Biology and Medicinal Chemistry  
**Erin Heinzen Cox**, Pharmacotherapy and Experimental Therapeutics  
**Shawn Hingtgen**, Pharmacoengineering and Molecular Pharmaceutics  
**Michael Jarstfer**, Chemical Biology and Medicinal Chemistry  
**Jacqueline McLaughlin**, Practice Advancement  
**Juliane Nguyen**, Pharmacoengineering and Molecular Pharmaceutics  
**Sachiko Ozawa**, Practice Advancement  
**Gauri Rao**, Pharmacotherapy and Experimental Therapeutics  
**Robert Shrewsbury**, Practice Advancement  
**Scott Singleton**, Chemical Biology and Medicinal Chemistry  
**Kathleen Thomas**, Pharmaceutical Outcomes and Policy  
**Carolyn Thorpe**, Pharmaceutical Outcomes and Policy  
**Joshua Thorpe**, Pharmaceutical Outcomes and Policy  
**Dennis Williams**, Pharmacotherapy and Experimental Therapeutics  
**Timothy Wiltshire**, Pharmacotherapy and Experimental Therapeutics  
**Qisheng Zhang**, Chemical Biology and Medicinal Chemistry

## Assistant Professors

**Rachel Church**, Pharmacotherapy and Experimental Therapeutics  
**Klarissa Jackson**, Pharmacotherapy and Experimental Therapeutics  
**Lindsey James**, Chemical Biology and Medicinal Chemistry  
**Alan Kinlaw**, Pharmaceutical Outcomes and Policy  
**Robert McGinty**, Chemical Biology and Medicinal Chemistry  
**Megan Roberts**, Pharmaceutical Outcomes and Policy  
**Amanda Seyerle**, Pharmaceutical Outcomes and Policy

## Teaching Assistant Professor

**Laura Rhodes**, Practice Advancement

## Research Professors

**Kenneth Pearce Jr.**, Center for Integrative Chemical Biology and Drug Discovery (CICBDD)  
**Xiaodong Wang**, Center for Integrative Chemical Biology and Drug Discovery (CICBDD)  
**Timothy Willson**, Structural Genomics Consortium

## Research Associate Professors

**Eric Bachelder**, Pharmacoengineering and Molecular Pharmaceutics  
**Elena Batrakova**, Center for Nanotechnology in Drug Discovery (CNDD)  
**David Drewry**, Structural Genomics Consortium  
**Juan Li**, Pharmacoengineering and Molecular Pharmaceutics  
**Eugene Muratov**, Chemical Biology and Medicinal Chemistry  
**Samantha Pattenden**, Chemical Biology and Medicinal Chemistry  
**Elias Rosen**, Pharmacotherapy and Experimental Therapeutics  
**Marina Sokolsky-Papkov**, Pharmacoengineering and Molecular Pharmaceutics  
**Yongmei Xu**, Chemical Biology and Medicinal Chemistry

## Research Assistant Professors

**Katelyn Arnold**, Chemical Biology and Medicinal Chemistry  
**Alison Axtman**, Structural Genomics Consortium  
**Mackenzie Cottrell**, Pharmacotherapy and Experimental Therapeutics  
**Anita Crescenzi**, Practice Advancement  
**Scott Davis**, Pharmaceutical Outcomes and Policy  
**Yury Desyaterik**, Pharmacotherapy and Experimental Therapeutics  
**Kevin Frankowski**, Chemical Biology and Medicinal Chemistry  
**Masuo Goto**, Chemical Biology and Medicinal Chemistry  
**Lauren Haar**, Chemical Biology and Medicinal Chemistry  
**Dulcie Lai**, Pharmacotherapy and Experimental Therapeutics  
**Jine Li**, Chemical Biology and Medicinal Chemistry  
**Melanie Livet**, Practice Advancement



Jillian Perry, Center for Nanotechnology in Drug Discovery (CNDD)  
 Paul Sapienza, Chemical Biology and Medicinal Chemistry  
 Zhenwei Song, Pharmacotherapy and Experimental Therapeutics  
 Junjiang Sun, Pharmacoengineering and Molecular Pharmaceutics  
 Jacqueline Tiley, Pharmacotherapy and Experimental Therapeutics  
 Qunzhao Wang, Chemical Biology and Medicinal Chemistry  
 Bin Xiao, Pharmacoengineering and Molecular Pharmaceutics

## Clinical Professors

Robert Dupuis, Pharmacotherapy and Experimental Therapeutics  
 Adam Persky, Pharmacotherapy and Experimental Therapeutics  
 Jo Ellen Rodgers, Pharmacotherapy and Experimental Therapeutics  
 Mollie Scott, Practice Advancement  
 John Greene Shepherd, Practice Advancement

## Clinical Associate Professors

Amanda H. Corbett, Pharmacotherapy and Experimental Therapeutics  
 Wendy Cox, Practice Advancement  
 Stephen Eckel, Practice Advancement  
 Suzanne Harris, Practice Advancement  
 Macary Marciniak, Practice Advancement  
 Nicole Pinelli Reitter, Practice Advancement  
 Philip Rodgers, Practice Advancement  
 Deborah Sturpe, Pharmacotherapy and Experimental Therapeutics  
 Charlene Williams, Practice Advancement

## Clinical Assistant Professors

Heidi Anksorus, Practice Advancement  
 Amber Frick, Pharmacotherapy and Experimental Therapeutics  
 Kathryn Fuller, Practice Advancement  
 Kathryn Morbitzer, Practice Advancement  
 Benyam Muluneh, Pharmacotherapy and Experimental Therapeutics  
 Kimberly Sanders, Practice Advancement  
 Amanda Savage, Practice Advancement  
 Carla White, Practice Advancement  
 Jacqueline Zeeman, Practice Advancement

## PHCY–Pharmacy

All courses and electives for the Pharm.D. program are listed below by year in the curriculum. See the Student Handbook (<https://pharmdstudenthandbook.web.unc.edu/>) and the program's Web site (<https://pharmacy.unc.edu/education/pharmd/curriculum/>) for information about course sequence by semester.

### Professional Year 1

Code	Title	Hours
PHCY 500	Pharmacy Bridging Course	3
PHCY 501	On Becoming a Pharmacist	1
PHCY 502	Pathophysiology of Human Disease	3.5
PHCY 503	Molecular Foundations of Drug Action	3.5
PHCY 504	Evidence-Based Practice	3
PHCY 508	Pharmaceutical Calculations	1
PHCY 509	Immunizations and Medication Administration Training	1
PHCY 510	Foundations of Clinical Pharmacology	3
PHCY 511	Foundations of Pharmacokinetics	3
PHCY 512	Pharmaceutics and Drug Delivery Systems I	2
PHCY 513L	Pharmaceutical Compounding I: Nonsterile	1.5
PHCY 514	Pharmaceutics and Drug Delivery Systems II	1.5
PHCY 515L	Pharmaceutical Compounding II: Sterile	0.5

PHCY 516	Foundations of Patient Care	2
PHCY 519	Self-Care and Nonprescription Medications	1.5
PHCY 529	Pharmacotherapy: Foundations	3
Immersion Experience 1:		8
PHCY 591	Immersion Experience: Community	
PHCY 691	Immersion Experience: Health System	
<b>Total Hours</b>		<b>42</b>

### Professional Year 2

Code	Title	Hours
PHCY 601L	Patient Care Lab	1.5
PHCY 609	The US Healthcare System	2
PHCY 611	Applied Clinical Pharmacology	3
PHCY 617	The Patient Care Experience	1.5
PHCY 619	Business of Healthcare: Focus on the Pharmacy Enterprise	2
PHCY 630	Pharmacotherapy: Applied	4
PHCY 631	Pharmacotherapy: Integrated I	5
PHCY 636	Leadership and Professional Development I	1
Immersion Experience 2:		8
PHCY 591	Immersion Experience: Community	
PHCY 691	Immersion Experience: Health System	
PHCY 791	Immersion Experience: Direct-Patient Care	
Electives		3
<b>Total Hours</b>		<b>31</b>

### Professional Year 3

Code	Title	Hours
PHCY 718	The Patient Care Experience II	2
PHCY 722	Pharmacy Law: Regulation of Pharmacy Practice	3
PHCY 732	Integrated Pharmacotherapy II	5
PHCY 733	Integrated Pharmacotherapy III	5
PHCY 737	Leadership and Professional Development II	1
Immersion Experience 3:		8
PHCY 591	Immersion Experience: Community	
PHCY 691	Immersion Experience: Health System	
PHCY 791	Immersion Experience: Direct-Patient Care	
Electives		9
<b>Total Hours</b>		<b>33</b>

### Professional Year 4

Code	Title	Hours
PHCY 898	Leading Change in Health Care I	1
PHCY 899	Leading Change in Health Care II	1
Immersion Experiences selected from the following options:		9
PHCY 886	Advanced Immersion Experience: Patient Care Elective I	
PHCY 887	Advanced Immersion Experience: Patient Care Elective II	
PHCY 888	Advanced Immersion Experience: Non-Patient Care Elective I	
PHCY 889	Advanced Immersion Experience: Non-Patient Care Elective II	

PHCY 891	Advanced Immersion Experience: Community	
PHCY 892	Advanced Immersion Experience: Health Systems	
PHCY 893	Advanced Immersion Experience: Ambulatory Care	
PHCY 894	Advanced Immersion Experience: General Medicine	
PHCY 895	Advanced Immersion Experience: Clinical I	
PHCY 896	Advanced Immersion Experience: Clinical II	
PHCY 897	Advanced Immersion Experience: Clinical III	
Additional elective courses		23
<b>Total Hours</b>		<b>34</b>

## Electives

See the Student Handbook (<https://pharmdstudenthandbook.web.unc.edu/>) for the Pharm.D. Elective policy. The below list does not include all courses offered by other UNC departments and schools that may be approved electives.

Code	Title	Hours
PHCY 608I	Interprofessional Perspectives Diabetes Mellitus Management	2
PHCY 624	Research and Scholarship in Pharmacy I	1.5
PHCY 700	SHAC: Community Outreach and Service Learning	0
PHCY 725	Research and Scholarship in Pharmacy II	1.5
PHCY 726	Research and Scholarship in Pharmacy III	3
PHCY 800	Geriatric Pharmacy Practice	3
PHCY 801	Radiopharmacy I: Introduction to Radiopharmacy	2
PHCY 802	Radiopharmacy 2 - The Drugs of Nuclear Medicine	2
PHCY 803	Radiopharmacy 3	3
PHCY 804	Travel Medicine Care	1.5
PHCY 807	Veterinary Pharmacotherapy	3
PHCY 808	Critical Care	3
PHCY 810	The Science of Pharmaceutical Compounding	1
PHCY 811	Infectious Diseases	1.5
PHCY 812	Pediatric Pharmacotherapy	1.5
PHCY 813	Clinical Toxicology	1.5
PHCY 814	Disaster Preparedness and Emergency Care	1.5
PHCY 815	Data Science in Pharmacy	1
PHCY 817	Making Medicine: The Process of Drug Development	1.5
PHCY 822	Hematology/Oncology Pharmacotherapy	3
PHCY 823	International Clinical Classroom Case Discussion	2
PHCY 824	Solid Organ Transplantation Pharmacy Practice	1.5
PHCY 832	Innovations in Community-Based Pharmacy Practice	1.5
PHCY 833	Advanced Cardiovascular Pharmacy	1.5
PHCY 836	Prevention, Treatment, and Recovery of Substance Use Disorders	1.5
PHCY 837	Pharmacogenetics	1.5
PHCY 839	Global and Rural Health: Maximizing Interprofessional Teams to Impact Patient Outcomes	1
PHCY 840	Health Policy and Managed Care	3
PHCY 841	Rural Pharmacy Health 1: Introduction to Rural Pharmacy Practice	1.5

PHCY 842	Rural Pharmacy Health 2: Cultural Responsiveness in Rural Health	1.5
PHCY 843	Rural Pharmacy Health 3: Interprofessional Practice	1.5
PHCY 844	Rural Pharmacy Health 4: Population Health Management	1.5
PHCY 846	Perspectives in Mental Health	2
PHCY 847	Business of Health Care Seminar Series	1
PHCY 850	Pharmacy Internship and Career Development	1.5
PHCY 851	Foundations in Ambulatory Care	2
PHCY 852	Ambulatory Care Services I	1.5
PHCY 853	Ambulatory Care Pharmacy Services II	1.5
PHCY 854	Ambulatory Care Capstone Course	2
PHRS 815	Foundations in Implementation Science: Examples in Precision Health and Society	1.5

## Contact Information

### UNC Eshelman School of Pharmacy

Visit Program Website (<http://www.pharmacy.unc.edu>)  
301 Pharmacy Lane, CB # 7355, Chapel Hill, NC 27599-7355  
(919) 966-9429

### Dean

Angela Kashuba  
[pharmacy\\_admissions@unc.edu](mailto:pharmacy_admissions@unc.edu)

## Pharmaceutical Sciences Minor

Pharmaceuticals are a major part of the health industry. The minor in pharmaceutical sciences is designed to expose undergraduate students to core areas of pharmaceutical science in preparation for advanced degrees in the health science professions, pharmaceutical sciences research, and graduate programs in fields such as chemistry as well as careers in pharmacy, pharmaceutical research, biomedical sciences, or the pharmaceutical industry. Students will learn the foundations of pharmaceutical discovery, development, disposition, and application.

Upon completion of the pharmaceutical sciences minor, students should be able to:

- Identify methods in which pharmaceuticals are researched and developed
- Describe how pharmaceuticals interact with the human body
- Compare methods of formulation, manufacturing, and testing of pharmaceutical dosage forms
- Explain how basic sciences play a role in the development of modern therapeutics

## Admissions

The minor is available to all undergraduate students. Students must fulfill specific prerequisite requirements (see Requirements tab) and submit an application. Applications will be accepted each year in the first six weeks of the fall semester. The application requires the following information:

- GPA (minimum 3.0)
- Grades for any courses already completed in chemistry, math, and biology

- A brief statement (approx. 500 words) explaining why you are interested in the field of pharmaceutical sciences



## Requirements

In addition to the program requirements listed below, students must:

- take at least nine hours of their minor "core" requirements at UNC–Chapel Hill
- earn a minimum cumulative GPA of 2.000 in the minor core requirements. Some programs may require higher standards for minor or specific courses.

For more information, please consult the degree requirements section of the catalog (p. 1241).

## Admission Requirements

Code	Title	Hours
Students must complete the following courses:		
CHEM 261	Introduction to Organic Chemistry I <sup>H</sup>	3
MATH 231	 Calculus of Functions of One Variable I <sup>H,F</sup>	4
Students must complete or be enrolled simultaneously in the following courses:		
CHEM 262	Introduction to Organic Chemistry II <sup>H</sup>	3
It is also strongly advised that students have already completed the following courses:		
BIOL 252	 Fundamentals of Human Anatomy and Physiology (or comparable course) <sup>H</sup>	3
BIOL 240	Cell Biology <sup>H</sup>	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

<sup>F</sup> FY-Launch class sections may be available. A FY-Launch section fulfills the same requirements as a standard section of that course, but also fulfills the FY-SEMINAR/FY-LAUNCH First-Year Foundations requirement. Students can search for FY-Launch sections in ConnectCarolina using the FY-LAUNCH attribute.

## Program Requirements

Code	Title	Hours
<b>Core Requirements</b>		
PHCY 100	Pharmaceuticals: Ethical and Social Issues	1
PHRS 502	Making Medicines: Drug Discovery, Development, and Approval	1
Additional elective courses chosen from the following list:		13
PHRS 395	Research in Pharmaceutical Sciences	
PHRS 501	Fundamentals of Regulatory Affairs	
PHRS 504	Biochemical Foundations of Chemical Biology	
PHRS 507	Molecular Foundations of Chemical Biology: Organic and Medicinal Chemistry	
PHRS 515	Evaluation Research and Project Design	
PHRS 516	Foundations in Implementation Science: Examples in Precision Health and Society <sup>1</sup>	
PHRS 517	Data Science in Pharmacy	
PHRS 538	Nanomedicine <sup>1</sup>	
PHRS 564	Advances in Drug Delivery	

PHRS 596	Pharmaceutical Sciences Seminar in Chemical Biology and Medicinal Chemistry <sup>2</sup>
PHRS 597	Pharmaceutical Sciences Seminar in Pharmacotherapy and Experimental Therapeutics <sup>2</sup>
PHRS 598	Pharmaceutical Sciences Seminar in Pharmacoengineering and Molecular Pharmaceutics <sup>2</sup>
PHRS 599	Pharmaceutical Sciences Seminar in Pharmaceutical Outcomes and Policy <sup>2</sup>
<b>Total Hours</b>	<b>15</b>

<sup>1</sup> These courses have prerequisites that are not required for the minor.

<sup>2</sup> Only two seminars will count toward the minor. Each seminar can only be taken once, regardless of grade received.

## Contact Information

### UNC Eshelman School of Pharmacy

Visit Program Website (<http://www.pharmacy.unc.edu>)  
301 Pharmacy Lane, CB # 7355, Chapel Hill, NC 27599-7355  
(919) 966-9429

### Program Director

Scott Singleton  
[scott\\_singleton@unc.edu](mailto:scott_singleton@unc.edu)

### Dean

Angela Kashuba  
[pharmacy\\_admissions@unc.edu](mailto:pharmacy_admissions@unc.edu)

## Summer School

### History

The University of North Carolina at Chapel Hill established what was possibly the first United States summer school in 1877. It enrolled 235 students in courses from 10 disciplines. Women were first admitted into University courses during this summer session. Students came from 42 North Carolina counties and several neighboring states. By 1925, 19,983 students had enrolled in Summer School. The University has continued annually to provide a wide offering of summer academic opportunities to the people of North Carolina and other residents from this country and abroad. From 1934 to 1987 the programs were administered by the Office of Summer Sessions. The traditional name of Summer School was reinstated in 1988. The Summer School is now a part of UNC–Chapel Hill Digital and Lifelong Learning.

### Opportunities

The College of Arts and Sciences as well as many professional schools offer summer courses for undergraduate and graduate students. The same faculty members who make the University one of the nation's best teach the courses, assisted by visiting professors who are specially recruited by departments for this purpose.

Summer School is central to the teaching mission of the University. The summer is one of the three periods during which the campus is open for formal instruction. Summer courses are of comparable quality and provide the same credit as corresponding courses in the fall or spring terms.

For students who have problems in the fall or spring terms getting courses they need or have to choose between courses, summer provides a time when the courses can be taken. This option relieves pressure on fall and spring enrollments, creates opportunities to enhance students' programs, increases student access to courses in nonmajor fields and other schools, and ensures that students can complete their degree requirements in a timely manner. Summer also allows incoming students the opportunity to take courses and become acclimated to campus before the fall term begins.

Because some subjects are best learned in an intensive and concentrated way, summer provides a time when students can focus on a single field. This learning style is particularly useful for some laboratory experiences, concentrated arts courses, and foreign languages. Some curricula require field study or research projects, and summer uniquely allows time for these studies.

During the summer, faculty members and students can concentrate on one or two courses without interruptions of other administrative, academic, and social events that exist during the year. The total number of students is fewer in the summer, and the mix includes greater diversity and a higher proportion of nontraditional and visiting students than during the fall or spring terms. Because class sizes are smaller and classes meet daily, students interact more with faculty members and with one another.

The summer program is also one of the key ways the campus reaches out to visiting and postdegree students who can benefit from what the University has to offer. Finally, summer is a time for faculty members to develop and experiment with new content and teaching models that can be incorporated into fall or spring courses.

## Programs

Summer School offers two sessions of five weeks each, a three-week Maymester, and other short courses with various beginning and ending dates. In recent years about 600 sections of courses have been offered each summer to about 7,500 students. The available courses include many that satisfy undergraduate degree requirements. Twelve semester hours of credit typically would be earned by a full-time summer student over both summer sessions. Many students take fewer hours or attend only one session. About 95 percent of summer students are regular UNC–Chapel Hill students, and the other 5 percent are visiting students.

In recent summers, enrolled students have come from all 100 counties in North Carolina and all 50 states, as well as the District of Columbia, Puerto Rico, the Virgin Islands, and 60 foreign countries.

## Highlights

Summer School highlights include concentrated three-week courses offered in Maymester, five-week online courses, some field courses and law courses that extend beyond the usual Summer Session I, some courses taught especially for public school teachers that begin after mid-June when the public schools end their term, and other credit programs that operate on a concentrated schedule. Some courses are offered in the late afternoon or evening. Some offerings combine off-campus activities and on-campus classes or combine online and face-to-face learning formats.

## Student Services and Advising

Summer School coordinates and distributes information on summer course offerings for credit in all Academic Affairs units. Course offerings

are available on the Summer School Web site in mid-December. Regular UNC–Chapel Hill students who need information on summer courses and early registration should contact their advisor, dean, or the relevant academic department. These students and all others can obtain updated information daily on the website (<http://summer.unc.edu>).

Summer School admits and advises visiting students. A potential visiting student can obtain information and an online application from the website (<http://summer.unc.edu>).

All UNC–Chapel Hill majors and minors have a primary academic advisor assigned in ConnectCarolina. They are strongly encouraged to meet regularly with their advisor and review their Tar Heel Tracker.

Summer School students are able to use most of the campus facilities enjoyed by students in the fall and spring semesters, such as the libraries, makerspaces, and athletic facilities. Links to Information on summer University housing and on dining plans are available in March on the Summer School website. The Carolina Union, Carolina intramural recreational sports, and *The Daily Tar Heel* also provide activities, events, and information during the summer.

## Contact Information

### Summer School

Visit Program Website (<http://summer.unc.edu>)  
134 E. Franklin Street, Room 200, CB# 3340  
(919) 966-4364

### Director of Summer School

Jennifer Larson

### Director of Admissions

Erin Moseley

## Digital and Lifelong Learning

UNC–Chapel Hill Digital and Lifelong Learning (DLL) is the University's arm for extending credit and non-credit instruction to North Carolinians who wish to further their education in non-traditional ways. DLL includes, and extends beyond, the programming previously offered by the Friday Center for Continuing Education.

Services provided by DLL include:

- Advising and student services for non-degree undergraduate and graduate students
- Advising and student services for dual-enrolled high school students
- Exam proctoring for students enrolled in distance courses
- Administration of Summer School

Courses and programs (for-credit) offered by DLL include:

- The Pre-Health Certificate Program, which helps students who have earned an undergraduate degree prepare for advanced study in the health professions.
- The Correctional Education Program, a partnership with the North Carolina Department of Public Safety, which enables qualified inmates in the North Carolina prison system to take correspondence and on-site courses for college credit.
- Summer School

## Contact Information

### Digital and Lifelong Learning

Visit Program Website (<http://fridaycenter.unc.edu>)  
100 Friday Center Drive, CB# 1020  
(919) 962-3000

### Vice Provost for Digital and Lifelong Learning

Todd Nicolet  
Todd\_Nicolet@unc.edu

## Academic Enrichment Programs

The University offers a variety of programs and opportunities designed to engage students in the curriculum and to enhance the academic experience at Carolina. There are opportunities available from first-year to senior-year. Students are encouraged to take full advantage of these opportunities and to start planning early in their academic career.

- Global Guarantee (p. 1157)
- Study Abroad (p. 1157)
- Undergraduate Research (p. 1158)
- Honors Carolina (p. 1159)
- Honors Beyond Chapel Hill (p. 1159)
- Internships (p. 1160)
- Distinguished Scholarships (p. 1162)
- Languages across the Curriculum (p. 1163)
- Student Life and Leadership (p. 1163)
- North Carolina Fellows Program (p. 1164)
- Summer Bridge (p. 1164)

For additional programs and services, please see the Resources (p. 1245) section of this catalog.

## Global Guarantee

The Global Guarantee is Carolina's promise that a global education is available to every student. By offering a range of options to integrate global into a student's Carolina education, the Global Guarantee helps prepare Tar Heels to become the next generation of leaders with the knowledge, skills, and mindset to solve the world's greatest challenges.

The Global Guarantee is articulated in UNC-Chapel Hill's 2020 strategic plan, *Carolina Next: Innovations for Public Good*, which calls upon the University to offer all students the best menu of global opportunities possible, and to diversify and strengthen global learning across the curriculum, on campus and abroad. "Our graduates," the plan states, "must demonstrate global competencies and skills to thrive as engaged citizens and successful professionals."

The Global Guarantee encourages each student early in their academic career to chart a unique global learning journey that meets their individual academic, professional, and personal goals. Global learning opportunities are integrated throughout the student experience at Carolina. Many are "inclusive by design," meaning they are available to all students without a special application process or fee. The range of Global Guarantee learning opportunities includes:

- Globally focused courses, minors, majors, and tracks in a range of disciplines

- Languages (<https://languageplacement.unc.edu/>) and area studies (<https://areastudies.unc.edu/>)
- Study, research, and internships abroad (<https://studyabroad.unc.edu/>)
- Collaborative Online International Learning (COIL) courses (<https://global.unc.edu/programs/coil/>) and other virtual exchange programs
- Diplomacy Initiative (<https://global.unc.edu/programs/diplomacy-initiative/>) programs and events
- Global programming and cultural exchange on campus

The Global Guarantee is a University-wide commitment, involving numerous academic departments, administrative units, and initiatives, and coordinated by the Office of the Vice Provost for Global Affairs.

## Contact Information

### Office of the Vice Provost for Global Affairs

Visit Program Website (<https://global.unc.edu/>)  
FedEx Global Education Center, CB# 5145

### Associate Provost for Global Affairs

Heather Ward

Global Guarantee  
global@unc.edu

## Study Abroad

UNC-Chapel Hill guarantees that a global education is available to every student. According to UNC-Chapel Hill's strategic plan, *Carolina Next: Innovations for Public Good*, "our graduates must demonstrate global competencies and skills to thrive as engaged citizens and successful professionals." Study abroad can positively impact a student's academic success, career path, and personal growth.

UNC-Chapel Hill's study abroad programs are high-quality, credit-bearing academic experiences available at hundreds of locations worldwide to students in all academic programs, majors, and minors. Carolina strives to ensure that study abroad programs are accessible, affordable, and safe. A wide range of study abroad options meet the academic needs, financial realities, schedules, and language abilities of Carolina students. Programs include undergraduate student exchanges, faculty-led, direct enroll, and short-term immersion programs during the summer, semester, and academic year. Financial aid can be used toward study abroad program costs. We award more than \$1 million in study abroad scholarships annually.

## Campus Units Offering Study Abroad

The UNC Study Abroad Office (<https://studyabroad.unc.edu/>) in the College of Arts & Sciences is the primary unit responsible for managing domestic and study abroad semester, summer, and break programs for all undergraduate students at UNC, particularly those enrolled in the College (including Honors Carolina), and some professional schools.

The Kenan-Flagler Business School Undergraduate Global Programs (<https://www.kenan-flagler.unc.edu/programs/undergraduate-business/global-programs/>) office administers semester, summer, and short-term immersion programs for all major and minor students admitted to the Kenan-Flagler Business School.

The Hussman School of Journalism and Media (<http://hussman.unc.edu/ug/student-services/global-programs/>) administers semester, summer,

and short-term immersion programs for students admitted to the Hussman School.

Undergraduate students in the Gillings School of Public Health, School of Education, School of Information and Library Science, and School of Nursing are eligible for education abroad opportunities specific to their degree programs.

## Types of Opportunities Available

Program options are available for students from all undergraduate majors and minors for students to study, participate in an internship, conduct research, or engage in service-learning abroad, domestically, or virtually. Programs vary by cost, location, length, and program type. Some offer a traditional academic experience in foreign classrooms, while others may take place primarily in the field. Visit the UNC Study Abroad Office (<https://studyabroad.unc.edu/find-program/>) for more information.

UNC students have a unique opportunity to earn a second bachelor's degree during their four years of undergraduate study by enrolling for two or three semesters at the National University of Singapore (NUS), one of Carolina's strategic global partner institutions, and fulfilling degree requirements at both UNC and NUS. The joint degree program is available to students majoring in economics, English literature, geography, global studies, history, or political science. There is no additional tuition cost to joint degree students. For more information about the joint degree program, contact the UNC Study Abroad Office ([abroad@unc.edu](mailto:abroad@unc.edu)). **Please note that due to general education curricula changes at both UNC and NUS, the JDP is on pause until fall 2024 at the earliest (2024–2025 academic year). Students who are interested in studying at NUS in 2023–2024 can participate in the NUS Arts and Sciences (<https://heelsabroad.unc.edu/?FuseAction=Programs.ViewProgramAngular&id=10245>) or Sciences (<https://heelsabroad.unc.edu/?FuseAction=Programs.ViewProgramAngular&id=10249>) exchange programs.**

## Study Abroad Credits

Study abroad credit is awarded to students participating in approved programs administered by the Study Abroad Office and other UNC global programs offices. Students may earn academic credit for approved internship, research, and service-learning programs abroad (including virtual programs). Students seeking to participate in student initiated programs for academic credit may submit a petition for approval to the Study Abroad Office.

The credit approval process for study abroad courses is coordinated by the UNC Study Abroad Office or the UNC school sponsoring the program, and credit is awarded after the program ends and official transcripts have been received. UNC students may earn course credit that fulfills elective, General Education, language, and major/minor requirements abroad. All students who participate in approved study abroad programs earn experiential education (EE)/High-Impact Experience (HI) (p. 1230) General Education credit (including virtual programs). Major/minor credits for study abroad courses that have not been pre-approved must be granted by the director of undergraduate studies or designated authority in the relevant department.

## Study Abroad Grading

The University awards course credit for a study abroad program when the student has earned a grade of C or its equivalent. For courses in which grades are reported on a scale other than A–F, students will earn credit only if the study abroad institution or program verifies that the

passing grade represents achievement at the level of C or higher. If students receive final grades of C- or below (or the equivalent, if reported on a scale other than A–F), they will not earn credit or satisfy academic requirements and the course will impact the UNC GPA as a failed course. For courses completed in units other than semester hours, the university will convert credit earned to semester hours. Some programs, such as UNC–Chapel Hill faculty-led and short-term immersion options, offer UNC-graded course credits.

Additional information on study abroad credit and grading can be found on the Study Abroad Office website (<https://studyabroad.unc.edu/earning-credit-from-spring-2021-forward/>).

## Next Steps

Students are encouraged to begin planning for study abroad as early as possible after enrolling at UNC to ensure that a global experience is part of their academic program. The first step is to watch the Study Abroad 101 (<https://studyabroad.unc.edu/advising-events/>) video series. Students can then schedule a one-on-one advising session in the Study Abroad Office or contact the global programs staff in their professional school. Study abroad staff assist students in selecting the best programs for their academic, financial, personal, and professional goals.

Deadlines vary depending on the type of program and UNC unit administering the program. Visit the above websites for the latest information.

## Contacts

UNC Study Abroad Office (<http://studyabroad.unc.edu/>)  
FedEx Global Education Center, Room 2009, CB# 3130  
(919) 962-7002

Jason Kinnear, Associate Dean of Study Abroad and International Exchanges

Kenan–Flagler Business School's Undergraduate Global Programs  
(<http://www.kenan-flagler.unc.edu/programs/undergraduate-business/global-programs/>)

McColl Building, Suite 3100, CB# 3490  
(919) 962-1171

Ben Hershey, Associate Director, Global Programs, Undergraduate Global Programs

Hussman School of Journalism and Media Global Programs (<http://hussman.unc.edu/ug/student-services/global-programs/>)  
Carroll Hall, Room 158  
(919) 843-8299

Liana Pinner, Director of Global, Immersive and Professional Programs

## Office for Undergraduate Research

The mission of the Office for Undergraduate Research (OUR) is to facilitate and enrich undergraduate research opportunities for all students and academic disciplines at Carolina. By engaging in research, students develop problem-solving skills and self-confidence, learn how discoveries are made, collaborate with faculty, and apply classroom knowledge to solve real-world problems. OUR supports a variety of programs that help students identify research opportunities and develop research skills. The office is located on the third floor of Steele Building and is a division of the Office of Undergraduate Education.

OUR maintains a searchable database of research opportunities and provides professional and peer counseling to aid students as they

enter the research community. In addition, OUR offers opportunities for undergraduate students to apply for Summer Undergraduate Research Fellowships (SURFs). It funds grants to support undergraduate research and travel awards for students to present their research at professional meetings. OUR also sponsors various workshops on research-related topics, provides oversight for the Carolina Research Scholar Program (CRiSP), and hosts the Celebration of Undergraduate Research each spring at which nearly 300 students present their results to the campus and community.

## Contact Information

### Office for Undergraduate Research

Visit Program Website (<http://our.unc.edu/>)  
Steele Building 3rd Floor, CB #3504  
(919) 843-7763

### Associate Dean and Director

Troy Blackburn  
troyb@email.unc.edu

## Honors Carolina

Honors Carolina is a four-year academic program geared toward the top 10% of undergraduates at UNC and promises those students a guided journey toward a successful career and purposeful life. It is the University's way of investing in truly exceptional students by providing academic and non-academic challenges and opportunities, both inside and outside the classroom.

From the moment they step foot on campus, our students join a diverse community of scholars and friends. Approximately 2,100 students are currently members of Honors Carolina, and enjoy access to more than 200 small courses, award-winning faculty, and priority registration. Our unparalleled commitment to global learning offers students a doorway to the world through courses, internships, and research for academic credit.

The Honors Carolina "Go Anywhere" initiative is a comprehensive plan to elevate the program's reputation among industry leaders, position it as a destination of choice for top recruiters, and prepare students to seize opportunities before them through intensive advising and coaching. In fact, our academic advisors, career coaches, and alumni mentors are with students every step of the way. Through a diverse roster of co-curricular programs, students explore their interests; prepare for life after graduation; and connect with students, faculty, alumni, and leaders around the globe. Some enrolling first-year students are invited to participate immediately in Honors Carolina. Other students may apply to the program at the beginning of their second semester or first year of study. Details of the application process are available on the Honors Carolina (<http://honorscarolina.unc.edu/>) website. Honors Carolina students must maintain a cumulative grade point average of 3.000 or higher and complete a minimum number of honors credit hours by graduation in order to receive the "Honors Carolina Laureate" distinction on their transcript.

To graduate from the University with honors or highest honors (p. 1243), students must complete a senior thesis in their academic major. Senior honors thesis programs are offered in nearly 50 departments, curricula, and professional schools throughout the University. Interested students should consult with the honors advisor in their major about department-specific requirements.

## Contact Information

### Honors Carolina

Visit Program Website (<http://honorscarolina.unc.edu>)  
218 E. Franklin Street  
(919) 966-5110

### Peter T. Grauer Associate Dean for Honors Carolina

James Leloudis  
leloudis@unc.edu

## Honors Beyond Chapel Hill

**Honors Global** offers innovative learning opportunities in London, Oxford, Cape Town, Singapore, Florence, and Washington, DC. Students take courses with UNC–Chapel Hill faculty program directors and with instructors from some of the world's leading institutions of higher education and organizations. The London program is based at Winston House, UNC–Chapel Hill's European Study Center, located in Bloomsbury, close to the city's leading universities and cultural institutions. All of the programs provide graded honors credit and fulfill General Education and major requirements. All Honors Carolina programs and fellowships are open and accessible to all UNC undergraduates with a 3.0 GPA.

**Burch Field Research Seminars** deliver unique, hands-on learning experiences that showcase the relationship between faculty research and undergraduate teaching. Seminars are held in changing locations around the globe. Recent topics have included the rise of renewable energy in China and Korea, nation-building and conflict resolution in Vienna and the Balkans, biomedical engineering and healthcare innovations in Scotland, and public health innovation in Thailand.

**Burch Fellowships** allow students to design an educational adventure anywhere in the world. Burch Fellows receive grants up to \$8,000 to support self-designed, off-campus learning experiences like these: working with NASA astrobiologists in Antarctica to study the possibility of life on other planets; coordinating refugee integration through music in Sicily; and studying the impacts of medical training for rural women in India.

**Carolina Blue Honors Fellowships** enable students to embark on a summer internship focused on learning and working in sports abroad with a special preference for entrepreneurial businesses. Grants of up to \$5,000 support self-designed, international opportunities such as helping an athlete performance data start-up build its products in New Zealand, leading a fan engagement campaign for a sports marketing business in Barcelona, or helping a professional soccer club get off the ground in Tanzania.

**Robinson Honors Fellowships** focus on the history and culture of Europe and the Mediterranean from the golden age of Greece to the upheaval of World War I. Robinson Fellows pursue a project of their own design exploring the realms of art, art history, classics, literature, history, medieval and early modern studies, music, philosophy, political thought, and religious studies. Grants of up to \$8,000 fund experiences such as studying the construction of the great cathedrals of Europe, interning in Sotheby's Old Master Paintings division in London, or working on a Roman archaeological dig site in Israel.

**Weir Honors Fellowships in Asian Studies** allow students to become fluent in Mandarin and gain practical, independent work experience in China, home to one of the world's oldest civilizations and the 21st century's fastest growing economy. Weir Fellows are awarded all funds above their normal UNC tuition to spend the spring semester in Beijing for intensive

language study and then complete an eight-week summer internship in Shanghai exploring careers in fields such as banking, law, journalism, public health, and historic preservation.

## Contact Information

**Honors Beyond Chapel Hill**  
 208 Graham Memorial, CB# 3510  
 (919) 962-9680

**Director**  
 Gina Difino  
 gina\_difino@unc.edu

# Undergraduate Internships and Career Exploration

## Overview

Many departments and curricula offer internship credit and career exploration courses. Students who are interested in earning academic credit for an internship experience should plan ahead by checking with the relevant department/school about available opportunities, deadlines, and the academic requirements for holding an internship.

Listed below are the departments and schools that offer internship credit and career exploration courses.

## Internship Courses

Department/School	Internship Course(s)	Website
<b>College of Arts &amp; Sciences</b>		
African, African American, and Diaspora Studies	AAAD 293	<a href="https://aaad.unc.edu/">https://aaad.unc.edu/</a>
American Studies	AMST 493	<a href="https://americanstudies.unc.edu/undergraduate-studies/other-opportunities">https://americanstudies.unc.edu/undergraduate-studies/other-opportunities</a> ( <a href="https://americanstudies.unc.edu/undergraduate-studies/other-opportunities/">https://americanstudies.unc.edu/undergraduate-studies/other-opportunities/</a> )
Anthropology	ANTH 393	<a href="https://anthropology.unc.edu/undergraduate-program/internships">https://anthropology.unc.edu/undergraduate-program/internships</a> ( <a href="https://anthropology.unc.edu/undergraduate-program/internships/">https://anthropology.unc.edu/undergraduate-program/internships/</a> )
Applied Physical Sciences	APPL 493	<a href="https://aps.unc.edu/">https://aps.unc.edu/</a>
Archaeology	ARCH 393	<a href="https://archaeology.sites.unc.edu/home/ca">https://archaeology.sites.unc.edu/home/ca</a> ( <a href="https://archaeology.sites.unc.edu/home/ca/">https://archaeology.sites.unc.edu/home/ca/</a> )
Art and Art History	ARTH 293, ARTS 493	<a href="https://art.unc.edu/">https://art.unc.edu/</a>

Biology	BIOL 293	<a href="https://bio.unc.edu/internships">https://bio.unc.edu/internships</a> ( <a href="https://bio.unc.edu/internships/">https://bio.unc.edu/internships/</a> )
Chemistry	CHEM 293	<a href="https://chem.unc.edu/ugrad-program">https://chem.unc.edu/ugrad-program</a> ( <a href="https://chem.unc.edu/ugrad-program/">https://chem.unc.edu/ugrad-program/</a> )
Communication	COMM 393	<a href="https://comm.unc.edu/undergraduate-studies/internships">https://comm.unc.edu/undergraduate-studies/internships</a> ( <a href="https://comm.unc.edu/undergraduate-studies/internships/">https://comm.unc.edu/undergraduate-studies/internships/</a> )
Computer Science	COMP 293	<a href="https://cs.unc.edu/academics/undergraduate/learning-contracts">https://cs.unc.edu/academics/undergraduate/learning-contracts</a> ( <a href="https://cs.unc.edu/academics/undergraduate/learning-contracts/">https://cs.unc.edu/academics/undergraduate/learning-contracts/</a> )
Dramatic Art	DRAM 393, DRAM 493	<a href="http://drama.unc.edu/programs-of-study/undergraduate-studies">http://drama.unc.edu/programs-of-study/undergraduate-studies</a> ( <a href="http://drama.unc.edu/programs-of-study/undergraduate-studies/">http://drama.unc.edu/programs-of-study/undergraduate-studies/</a> )
Economics	ECON 293, ECON 327, ECON 393	<a href="https://econ.unc.edu/undergraduate/job-and-internship-opportunities">https://econ.unc.edu/undergraduate/job-and-internship-opportunities</a> ( <a href="https://econ.unc.edu/undergraduate/job-and-internship-opportunities/">https://econ.unc.edu/undergraduate/job-and-internship-opportunities/</a> )
English & Comparative Literature	ENGL 293, ENGL 593	<a href="https://englishcomplit.unc.edu/careers/internships">https://englishcomplit.unc.edu/careers/internships</a> ( <a href="https://englishcomplit.unc.edu/careers/internships/">https://englishcomplit.unc.edu/careers/internships/</a> )
Environment, Ecology, and Energy	ENEC 393, ENEC 493, ENEC 593	<a href="https://e3p.unc.edu/academics/undergraduate-program/field-sites-capstones-and-internships">https://e3p.unc.edu/academics/undergraduate-program/field-sites-capstones-and-internships</a> ( <a href="https://e3p.unc.edu/academics/undergraduate-program/field-sites-capstones-and-internships/">https://e3p.unc.edu/academics/undergraduate-program/field-sites-capstones-and-internships/</a> )
Exercise and Sport Science	EXSS 393, EXSS 493, EXSS 593	<a href="https://exss.unc.edu/undergraduate-program">https://exss.unc.edu/undergraduate-program</a> ( <a href="https://exss.unc.edu/undergraduate-program/">https://exss.unc.edu/undergraduate-program/</a> )



Geography	GEOG 493	<a href="https://geography.unc.edu/undergraduates/honors">https://geography.unc.edu/undergraduates/honors</a> ( <a href="https://geography.unc.edu/undergraduates/honors/">https://geography.unc.edu/undergraduates/honors/</a> )	Public Policy	PLCY 293, PLCY 493H	<a href="https://publicpolicy.unc.edu/academics/experiential-education">https://publicpolicy.unc.edu/academics/experiential-education</a> ( <a href="https://publicpolicy.unc.edu/academics/experiential-education/">https://publicpolicy.unc.edu/academics/experiential-education/</a> )
Germanic & Slavic Languages & Literatures	GERM 493	<a href="https://gsll.unc.edu/courses/internships">https://gsll.unc.edu/courses/internships</a> ( <a href="https://gsll.unc.edu/courses/internships/">https://gsll.unc.edu/courses/internships/</a> )	Romance Studies	ROML 293	<a href="https://romancestudies.unc.edu/undergraduate/research">https://romancestudies.unc.edu/undergraduate/research</a> ( <a href="https://romancestudies.unc.edu/undergraduate/research/">https://romancestudies.unc.edu/undergraduate/research/</a> )
Global Studies	GLBL 193	<a href="https://globalstudies.unc.edu/internship">https://globalstudies.unc.edu/internship</a> ( <a href="https://globalstudies.unc.edu/internship/">https://globalstudies.unc.edu/internship/</a> )	Sociology	SOCI 393	<a href="https://sociology.unc.edu/undergraduate-program/sociology-major/independent-study-and-internships">https://sociology.unc.edu/undergraduate-program/sociology-major/independent-study-and-internships</a> ( <a href="https://sociology.unc.edu/undergraduate-program/sociology-major/independent-study-and-internships/">https://sociology.unc.edu/undergraduate-program/sociology-major/independent-study-and-internships/</a> )
History	HIST 493, HIST 593	<a href="https://history.unc.edu/undergraduate-opportunities">https://history.unc.edu/undergraduate-opportunities</a> ( <a href="https://history.unc.edu/undergraduate-opportunities/">https://history.unc.edu/undergraduate-opportunities/</a> )	Statistics and Operations Research	STOR 493	<a href="https://stor.unc.edu/undergraduate/courses">https://stor.unc.edu/undergraduate/courses</a> ( <a href="https://stor.unc.edu/undergraduate/courses/">https://stor.unc.edu/undergraduate/courses/</a> )
Linguistics	LING 493	<a href="https://linguistics.unc.edu/undergrad-program">https://linguistics.unc.edu/undergrad-program</a> ( <a href="https://linguistics.unc.edu/undergrad-program/">https://linguistics.unc.edu/undergrad-program/</a> )	Women's and Gender Studies	WGST 393	<a href="https://womensstudies.unc.edu/courses-degrees/internship">https://womensstudies.unc.edu/courses-degrees/internship</a> ( <a href="https://womensstudies.unc.edu/courses-degrees/internship/">https://womensstudies.unc.edu/courses-degrees/internship/</a> )
Music <sup>1</sup>	MUSC 493	<a href="https://music.unc.edu/undergraduate/current">https://music.unc.edu/undergraduate/current</a> ( <a href="https://music.unc.edu/undergraduate/current/">https://music.unc.edu/undergraduate/current/</a> )	<b>Professional Schools</b>		
Peace, War, and Defense	PWAD 393	<a href="https://pwad.unc.edu/internship-opportunities">https://pwad.unc.edu/internship-opportunities</a> ( <a href="https://pwad.unc.edu/internship-opportunities/">https://pwad.unc.edu/internship-opportunities/</a> )	Business (Kenan-Flagler)	BUSI 393, BUSI 493	<a href="https://www.kenan-flagler.unc.edu/programs/undergraduate-business/career">https://www.kenan-flagler.unc.edu/programs/undergraduate-business/career</a> ( <a href="https://www.kenan-flagler.unc.edu/programs/undergraduate-business/career/">https://www.kenan-flagler.unc.edu/programs/undergraduate-business/career/</a> )
Political Science	POLI 193	<a href="https://politicalscience.unc.edu/undergraduate/internships">https://politicalscience.unc.edu/undergraduate/internships</a> ( <a href="https://politicalscience.unc.edu/undergraduate/internships/">https://politicalscience.unc.edu/undergraduate/internships/</a> )	Education	EDUC 593, EDUC 698	<a href="https://ed.unc.edu/current-students/student-teaching-internships">https://ed.unc.edu/current-students/student-teaching-internships</a> ( <a href="https://ed.unc.edu/current-students/student-teaching-internships/">https://ed.unc.edu/current-students/student-teaching-internships/</a> )
Psychology and Neuroscience	NSCI 493, PSYC 493	<a href="https://psychology.unc.edu/gil-internship">https://psychology.unc.edu/gil-internship</a> ( <a href="https://psychology.unc.edu/gil-internship/">https://psychology.unc.edu/gil-internship/</a> )			

Information and Library Science	INLS 393	<a href="https://sils.unc.edu/careers/jobs-internships/">https://sils.unc.edu/careers/jobs-internships/</a> ( <a href="https://sils.unc.edu/careers/jobs-internships/internships/">https://sils.unc.edu/careers/jobs-internships/internships/</a> )
Journalism and Media	MEJO 393	<a href="http://hussman.unc.edu/ug/student-services/careerservices/">http://hussman.unc.edu/ug/student-services/careerservices/</a> ( <a href="http://hussman.unc.edu/ug/student-services/careerservices/">http://hussman.unc.edu/ug/student-services/careerservices/</a> )
Public Health-Biostatistics	BIOS 392	<a href="https://sph.unc.edu/students/fellowships-internships/">https://sph.unc.edu/students/fellowships-internships/</a> ( <a href="https://sph.unc.edu/students/fellowships-internships/">https://sph.unc.edu/students/fellowships-internships/</a> )
Public Health-Environmental Sciences & Engineering	ENVR 593	<a href="https://sph.unc.edu/programs/?ppk=ese-bosph-r">https://sph.unc.edu/programs/?ppk=ese-bosph-r</a>
Public Health-Health Policy and Management	HPM 393	<a href="https://sph.unc.edu/hpm/professional-development-and-career-services/career-services-office/">https://sph.unc.edu/hpm/professional-development-and-career-services/career-services-office/</a> ( <a href="https://sph.unc.edu/hpm/professional-development-and-career-services/career-services-office/">https://sph.unc.edu/hpm/professional-development-and-career-services/career-services-office/</a> )

<sup>1</sup> Interested students should contact Professor Lee Weisert ([weisert@email.unc.edu](mailto:weisert@email.unc.edu)) for additional information.

### Undergraduate Curricula

If you have been offered an internship and your company is requiring you to earn credit to participate in the internship, you may be eligible for SPCL 493. Note that SPCL 493 is a one-credit, pass/fail course that does not count toward any graduation requirements. For instructions on submitting a SPCL 493 application, which must be done before beginning the internship, please see the SPCL 493 application form (<https://curricula.unc.edu/students/internship-spcl-493/>).

### Career Exploration Courses

Code	Title	Hours
ANES 200	Career Exploration in Anesthesiology	3
ANES 406	Career Exploration in Anesthesiology	3
BIOL 117	Pre-Health Thrive-1 Considering Health Professions	1
BIOL 118	Pre-Health Thrive-2 Pursuing Health Professions	1
BIOL 635	Careers in Biotechnology	1
BUSI 189	Introduction to Careers in Business	1.5
ECON 292	Career Preparation for Economics Majors	1
EDUC 111	Career Exploration	1
EDUC 211	Career Planning and Job Searching	1

EDUC 311	Life-Career Design	3
EDUC 583	Career and Professional Development	3
IDST 198	Research beyond Academia	1
MEJO 544	Career Exploration and Preparation	3
NSCI 326	Neuroscience Career Development, Networking & Applications in the Working World	3
SPHG 101	Exploring Public Health Fields	1

## Office of Distinguished Scholarships

The Office of Distinguished Scholarships (ODS) provides support and guidance related to nationally and internationally competitive scholarships and fellowships. It assists Carolina students and alumni in putting their best foot forward when applying for these awards. ODS staff offer regular information sessions and hands-on workshops. They also suggest interviewing strategies and can connect applicants to additional resources, including a library liaison who can assist with researching and writing project statements.

In addition, ODS administers the institutional vetting process called “endorsement” for 14 scholarship and fellowship programs:

- Beinecke (for third-year undergraduates)
- Churchill (for undergraduates in their final years and alums)
- Goldwater (for second- and third-year students)
- James C. Gaither (formerly Carnegie) (for undergraduates in their final years and alums)
- Luce (for undergraduates in their final years and alums)
- Marshall (for undergraduates in their final years and alums)
- McCall MacBain (for undergraduates in their final years and alums)
- Michel David-Weill (for undergraduates in their final years)
- Mitchell (for undergraduates in their final years and alums)
- Rhodes (for undergraduates in their final years and alums)
- Truman (for third-year undergraduates)
- Udall (for second- and third-year undergraduates)
- Yenching (for undergraduates in their final years and alums)
- The Office also evaluates candidates for endorsement for the Boren Scholarship (for undergraduates) and Fellowship (for graduate students), for which endorsement is optional but strongly encouraged.

The preparation required to compete for prestigious scholarships is a valuable educational opportunity. Candidates improve their self-awareness and ability to articulate not only their past accomplishments but also their goals and priorities for the future.

Consult ODS’s STRIVE (<http://strive.unc.edu/>) database for information on more than 1,000 scholarships, fellowships, and other funding sources.

## Contact Information

### Office of Distinguished Scholarships

Visit Program Website (<http://honorscarolina.unc.edu/ods/>)

General Inquiries  
[ods@unc.edu](mailto:ods@unc.edu)

Director  
TBD

Program Assistant  
ods@unc.edu

**Library Liaison to ODS**  
Sarah Morris  
semorris@live.unc.edu

## Languages Across the Curriculum

The LAC program offers students the opportunity to use world languages in a variety of courses outside the language and literature curricula.

The program aims to promote a better understanding of world regions while demonstrating the relevance of practical language skills across the disciplines.

Successful completion of a LAC course option will improve students' ability to:

1. Communicate in the target language about course topics;
2. Describe how course topics relate to world regions that speak the target language;
3. Explain course topics from the perspective(s) of individuals who use the target language;
4. Use the target language to conduct course research.

Administratively housed in the Center for Global Initiatives, the LAC program receives support from the College of Arts and Sciences and from six Title VI National Resources Centers for international and area studies: the African Studies Center, the Carolina Asia Center, the Carolina Center for the Study of the Middle East and Islamic Studies, the Center for European Studies, the Center for Global Initiatives, and the Institute for the Study of the Americas.

Since spring 1996, the LAC program has offered course options in a variety of languages, disciplines, and course formats. Currently, LAC courses are offered in Arabic, Chinese, French, German, Hindi-Urdu, Italian, Korean, Portuguese, Russian, Spanish, and Swahili. Students who enroll in LAC recitation or discussion sections can receive one graded hour of world language credit. Some three-hour seminars in the target language are also available.

There are several types of LAC courses. For course offerings (by semester) and additional information, visit the program's website (<http://areastudies.unc.edu/lac/>).

Code	Title	Hours
<b>Languages Across the Curriculum Courses</b>		
ARAB 308	Arabic Languages across the Curriculum Recitation	1
CHIN 308	Chinese Languages across the Curriculum Recitation	1
FREN 308	LAC Recitation	1
GERM 388 or GERM 389	Discussion Section in German LAC Recitation	1
GSSL 489	GSSL Across the Curriculum (LAC)	1
HNUR 308	Hindi-Urdu Languages across the Curriculum Recitation	1
ITAL 308	LAC Recitation	1
KOR 308	Korean Languages Across the Curriculum (LAC) Recitation	1

PORT 408	LAC Recitation	1
SPAN 308	LAC Recitation	1
SWAH 408	Swahili Across the Curriculum Recitation	1

## Contact Information

**Languages Across the Curriculum**

Visit Program Website (<https://areastudies.unc.edu/lac/>)

## Student Life and Leadership

The Office of Student Life and Leadership (SLL) brings together student leaders, student organizations, and student activities under one umbrella: making the campus a better community and home for students, staff, and faculty. Being involved in SLL programs gives students opportunities to enrich their academic and social experience at UNC. The office houses Student Organizations, Leadership Development, Student Activities, Carolina Union Activities Board (CUAB), Assessment and Development, and Student Government.

The mission of Student Life and Leadership is to create an inclusive Carolina community through engagement and intentional educational opportunities. SLL operates with five core values in mind: authentic connections, collaboration, integrity, life-long learning, and social justice.

The **Leadership Development** team is committed to serving the Carolina community by advocating for leadership as a process of social change. Various programs and activities are offered that help students develop competencies needed to be effective leaders. These programs include leadership development retreats, speaker events, and leadership symposiums. Additionally, three academic courses are offered: EDUC 309, EDUC 317, and EDUC 318 where students learn theory that will help them to develop their leadership style and skills and to incorporate those skills to lead and create positive social change.

The **Student Organizations** team works with all 900+ student organizations to facilitate their use of university resources and to empower students in their provision of services, programs and activities that enhance the academic experience, extend learning and build community at Carolina. Students can get involved in a student organization through Heel Life. Heel Life (<https://heelife.unc.edu/>) is the online hub of student activity and involvement at Carolina. Individual students, student organizations and university departments use the site to maximize the Carolina student experience. The site houses a complete list of active student organizations at Carolina, as well as a calendar of events. Student organizations may use Heel Life to promote upcoming activities, manage membership rosters, store important documents and photos, and more. The site also offers tools to identify and track individual involvement experiences through the Co-Curricular Transcript (CCT).

The **Carolina Union Activities Board** (CUAB) is a student-run board that enhances life at Carolina through high-quality programming and events for the entire University community. These include films, art, music, entertainment, and more. Throughout the year, CUAB's eight committees program over 200 events with around 50,000 total in attendance. Students can become involved in CUAB and build the Carolina community by helping to plan and host engaging activities to reach all students.

**Student Government** is the representative liaison before administrators, faculty, the Board of Trustees and Governors, and even the state legislature. Student Government works to address policy issues that matter to UNC and its students, handle funding requests for student

organizations, maintain the Student Government Code (the rules by which Student Government operates), and respond to requests for help from students in a broad range of issues regarding student life at UNC–Chapel Hill.

## Contact Information

### Student Life and Leadership

Visit Program Website (<https://carolinaunion.unc.edu/departments/student-life-leadership/>)

2501 Frank Porter Graham Student Union, CB#5210  
(919) 962-1157

### Interim Director for Student Life and Leadership

Brian Lackman  
[brian.lackman@unc.edu](mailto:brian.lackman@unc.edu)

## North Carolina Fellows Program

The North Carolina Fellows Program is a three-year cohort-based leadership program housed in the Office of Student Life and Leadership. The NC Fellows community has been positively contributing and impacting the program and has been present on the UNC–Chapel Hill campus and community since 1968. The mission of the North Carolina Fellows Program is to reimagine traditional understandings of leadership by engaging in meaningful dialogue, creating a supportive community, increasing self-awareness amongst its members, and encouraging positive change.

Program components include retreats, a three-credit-hour course for sophomore students, a junior seminar, a one-credit capstone course for senior students, and monthly seminars where all three cohorts come together to discuss a variety of topics. Interested students can apply during the spring semester of their first year.

For more information, contact Brian Lackman ([brian.lackman@unc.edu](mailto:brian.lackman@unc.edu)).

## Summer Bridge

Summer Bridge is a six-week transition program that helps incoming first-year students adjust to Carolina by providing academic enrichment, community building, and co-curricular and experiential learning activities. The program is designed to ease participants' personal and academic transition from high school to the University. Students enroll in two academic courses, which usually represent a combination of English composition and quantitative skills. They also participate in activities designed to supplement their summer experience by engaging in high-impact learning experiences often facilitated by units such as the UNC Learning and Writing Centers, University Career Services, and Student Life and Leadership. Additionally, cultural and recreational activities are significant components of the program, as students are introduced to the University and the array of opportunities and resources available. Any student who has been admitted to UNC–Chapel Hill and is a North Carolina resident is eligible to apply.

## Contact Information

### Summer Bridge

Visit Program Website (<http://summerbridge.unc.edu>)  
0118 SASB North, CB# 3106  
(919) 843-8697

### Associate Dean and Director

Dr. Marcus L. Collins

[collinsm@email.unc.edu](mailto:collinsm@email.unc.edu)

## IDEAs in Action General Education Curriculum

The IDEAs in Action general education curriculum empowers students to design their own educational journey, while providing them with a foundation that prepares them for the intellectual growth associated with a Carolina education and in their future roles as leaders, creative problem-solvers, lifelong learners, and engaged citizens. Additional information can be found on the IDEAs in Action website (<https://ideasinaction.unc.edu/>).

The IDEAs in Action General Education curriculum applies to all first-year students and transfer students who matriculate as degree-seeking undergraduate students in fall 2022 or later.

*Students who matriculated to the University prior to fall 2022 should follow the Making Connections General Education curriculum. Information and approved courses can be found in archived editions (p. 1291) of the Catalog.*




The IDEAs Approach:

- **I**dentify pressing questions, problems, and issues
- **D**iscover ideas, evidence, and methods that inform these questions
- **E**valuate these ideas, evidence, and methods
- **A**ct on the basis of these evaluations

## First-Year Foundations

Start strong! This is a set of special courses and experiences in the first year designed to help students navigate their transition to the college environment, get them ready to take ownership of their education, and make the most of the opportunities at Carolina.

Students must complete the First-Year Foundation requirements during the first academic year on campus (two semesters), with the exception of Global Language. Students are strongly encouraged to begin Global Language during their first year.

Code	Title	Hours
<b>First-Year Foundations</b>		
IDST 101	 College Thriving <sup>H, 1</sup>	1
	First-Year Seminar or First-Year Launch (p. 1171) <sup>1</sup>	3
	Triple-I and Data Literacy (p. 1179) <sup>1</sup>	4
ENGL 105	 English Composition and Rhetoric	3
	or ENGL 105I  English Composition and Rhetoric (Interdisciplinary)	
	Global Language through level 3 (p. 1180) <sup>2</sup>	varies
<b>Total Hours</b>		<b>11</b>

H Honors students may use HNRS 101 to fulfill the College Thriving requirement.

<sup>1</sup> Must be completed at UNC–Chapel Hill. Transfer credit and by-examination credit are not awarded.

<sup>2</sup> Some majors require additional levels. Students are strongly encouraged to begin Global Language during their first year.

Transfer students who transferred to UNC with at least 24 hours of post-high school transfer credit are required to complete ENGL 105 (or ENGL 105I) and Global Language, but not the other First-Year Foundation requirements. More information for transfer students, early college Students, and transfer credit from a North Carolina community college can be found in this catalog (p. 1170).

## Additional First-Year Foundation Policies

- Courses used to satisfy First-Year Foundation requirements may not be declared Pass/Fail. This includes level 1, level 2, and level 3 language courses being used to fulfill the Global Language (through level 3) requirement. Note that IDST 101 is only offered as Pass/Fail.
- Students may take and receive credit for only one course in each of the following requirement categories: 1) College Thriving (IDST 101), 2) First-Year Seminar or First-Year Launch, 3) Triple-I + Data Literacy, 4) ENGL 105 or ENGL 105I.
- All First-Year Foundation requirements must be satisfied by taking courses at UNC–Chapel Hill, with three exceptions:
  - UNC faculty-led First-Year Seminars awarding UNC graded credit in study abroad programs may be used to satisfy the First-Year Seminar requirement.
  - ENGL 105 may be satisfied with transfer credit, but not with by-examination (BE) credit.
  - Global Language may be satisfied with college transfer credit, UNC language placement test credit (PL), by-examination (BE) credit, or from prior educational experience. Additional information can be found in this catalog (p. 1257) and on the Language Placement website (<https://languageplacement.unc.edu/>).
- Students must maintain continuous enrollment in Global Language courses until they have completed the requirement. See "Continuous Course Enrollment (p. 1265)" section in this catalog.
- Students are not permitted to drop ENGL 100, ENGL 105, ENGL 105I, or Global Language levels 1 through 3 being used to fulfill the Gen Ed requirement after the second week of the semester, unless approved by a dean in the Academic Advising Program. See "Continuous Course Enrollment (p. 1265)" section in this catalog.
- Students are not permitted to drop only Triple-I and not the data literacy lab (or vice versa). These are enforced corequisite courses that must be taken together.
- A First-Year Seminar/First-Year Launch course may overlap with one or more of the following Gen Ed requirements: 1 Focus Capacity (+Lab), Research and Discovery, High-Impact Experience, Communication Beyond Carolina.

## Focus Capacities

Design your course of study! Students take one course for each of the nine Focus Capacity courses (3 credits each) plus a one-credit Empirical Investigation Lab. Focus Capacity courses introduce and reinforce a broad set of capacities for identifying, discovering, evaluating, and taking action upon ideas, knowledge, evidence, and argument. Each of these courses will provide students with opportunities for writing, collaboration with peers, and presenting material in a variety of setting and methods.

Code	Title	Hours
<b>Focus Capacities</b> <sup>1, 2</sup>		
1.	Aesthetic and Interpretive Analysis (p. 1181)	3
2.	Creative Expression, Practice, and Production (p. 1190)	3
3.	Engagement with the Human Past (p. 1192)	3

4.	Ethical and Civic Values (p. 1199)	3
5.	Global Understanding and Engagement (p. 1202)	3
6.	Natural Scientific Investigation (p. 1208)	3
7.	Power, Difference, and Inequality (p. 1209)	3
8.	Quantitative Reasoning (p. 1215)	3
9.	Ways of Knowing (p. 1217)	3
One Focus Capacity course must include or be associated with a one-credit lab:		
	Empirical Investigation Lab (p. 1224)	1
<b>Total Hours</b>		<b>28</b>

<sup>1</sup> A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

<sup>2</sup> Students may fulfill up to five Focus Capacity courses (+Lab) using by-examination (BE) credit

## Disciplinary Distribution

All students must take at least one general education course (Focus Capacity, FY-Seminar/FY-Launch, High-Impact Experience, Research and Discovery, or Communication Beyond Carolina) in each of the three major divisions of the College of Arts and Sciences (p. 32):

1. Humanities and fine arts
2. Mathematics and natural sciences
3. Social and behavioral sciences

## Additional Focus Capacity Policies

- Courses used to satisfy Focus Capacity requirements may not be declared Pass/Fail.
- A Focus Capacity course may overlap with one or more of the following Gen Ed requirements: FY-Seminar/FY-Launch, Research and Discovery, High-Impact Experience, Communication Beyond Carolina.
- A Focus Capacity course may not double count with a Supplemental General Education course.
- The degree programs in Clinical Laboratory Science (p. 1126), Dental Hygiene (p. 1065), Nursing (p. 1137), and Radiologic Science (p. 1133) require at least six of the nine Focus Capacities (plus lab). If a student pursues a different second major, then all nine Focus Capacities (plus Lab) are required.

## Reflection and Integration

Put your learning into action! As students move through the curriculum, IDEAs in Action calls for them to put their capacities into practice through concrete experiences. These opportunities help students reflect upon, deepen, and connect knowledge and capacities.

Code	Title	Hours
<b>Reflection and Integration</b>		
	Research and Discovery (p. 1225) (one course) <sup>1</sup>	1-3
	High-Impact Experience (p. 1230) or a second Research and Discovery (p. 1225) (one course) <sup>1</sup>	1-3
	Communication Beyond Carolina (p. 1233) (one course) <sup>2</sup>	3
	Lifetime Fitness (p. 1239) <sup>3</sup>	1

Campus Life Experience (p. 1239) (2 events every semester for full-time students)

- <sup>1</sup> The same course or experience may not be counted for both the Research and Discovery and the High-Impact Experience requirements.
- <sup>2</sup> Students in the 2023–2024 cohort class and the 2022–2023 cohort class may fulfill this requirement by taking a Communication Beyond Carolina course from the IDEAs in Action curriculum or by taking a Communication-Intensive course from the Making Connections curriculum.
- <sup>3</sup> Varsity student athletes who participate in a sport for at least one semester are exempt from this requirement. ROTC students who participate in the program for at least one semester are exempt from this requirement. These students still have the option to take an LFIT course.

## Additional Policies

- Courses used to satisfy Reflection and Integration requirements may not be declared Pass/Fail. Note that all Lifetime Fitness courses, some Research and Discovery courses, and some High-Impact Experience courses are only offered as Pass/Fail.
- A Research and Discovery course may overlap with one or more of the following Gen Ed requirements: FY-Seminar/FY-Launch, 1 Focus Capacity, Communication Beyond Carolina, Supplemental General Education.
- A High-Impact Experience course may overlap with one or more of the following Gen Ed requirements: FY-Seminar/FY-Launch, 1 Focus Capacity, Communication Beyond Carolina, Supplemental General Education.
- A Communication Beyond Carolina course may overlap with one or more of the following Gen Ed requirements: FY-Seminar/FY-Launch, 1 Focus Capacity, Research and Discovery, High-Impact Experience, Supplemental General Education.
- Research and Discovery, High-Impact Experience, and Communication Beyond Carolina courses may count towards the Disciplinary Distribution requirement (see above).
- Transfer students from the Carolina Global Launch (<https://admissions.unc.edu/apply/special-opportunities/carolina-global-launch/>) program may use the experience to fulfill the High-Impact Experience requirement.

## Supplemental General Education

Students who pursue a bachelor of arts degree must also satisfy a Supplemental General Education requirement. The intent of this requirement is to broaden a student's perspective on the major by examining its relationship to work in at least one other field. Students may fulfill the requirement in three ways:

1. By completing a second major
2. By completing a minor
3. By completing three courses (nine hours) above 199 that are offered outside the home department or curriculum of the first major. These three courses can neither be used to fulfill the requirements of the first major nor be cross-listed with courses that a student has used to satisfy major requirements

## Additional Policies

With option 3, a Supplemental General Education course may overlap with one or more of the following Gen Ed requirements: Research and Discovery, High-Impact Experience, Communication Beyond Carolina.

## First-Year Foundations College Thriving (IDST 101)

### Learning Outcomes

1. Increase and appreciate the significance of self-awareness.
2. Value a liberal arts education.
3. Set goals, plan, and reflect upon learning using aspects of using learning science: metacognition, self-regulated learning, and motivation.
4. Describe academic strategies, policies, and pathways and their link to resources such as academic advising and career services.
5. Reflect on the science of thriving: positive emotion, engagement, meaning, healthy relationships, resilience, stress, and other aspects of well-being.
6. Demonstrate mastery of basic mental health, drug and alcohol, and sexual wellness practices.

## Writing at the Research University (ENGL 105 or 105I)

### Learning Outcomes

1. Employ conventions, genres, and rhetoric practiced in the natural sciences, social sciences, and humanities.
2. Conduct research using a variety of methods, databases, and sources.
3. Discuss and present research-based arguments and information.
4. Identify how best to use research and evidence in discipline-specific compositions.
5. Compose using written, oral, and multimedia modes.
6. Review and revise one's own work and assist others in revising their work.

## First-Year Seminar/First-Year Launch

### Learning Outcomes (First-Year Seminar)

1. Connect with a faculty member early in the educational process.
2. Learn intensively among a small cohort of students.
3. Apply methods for how scholars pose problems, discover solutions, resolve controversies, and evaluate knowledge.
4. Produce knowledge through self-directed inquiry and active learning.

### Learning Outcomes (First-Year Launch)

1. Connect with a faculty member early in the educational process.
2. Learn intensively among a small cohort of students.
3. Learn the foundation of a discipline.
4. Analyze and communicate issues associated with a broad, introductory topic, covering a wide range of knowledge.

Approved FY-SEMINAR & FY-LAUNCH (p. 1171) courses.

## Ideas, Information, and Inquiry (Triple-I)

### Learning Outcomes

1. Gain exposure to the three disciplines and their methods of inquiry.
2. Compare and contrast different ways that scholars address a question, problem, or theme.

3. Understand the power of approaching a topic from multiple perspectives.
4. Learn how different disciplines understand and use data and evidence.

Approved FY-TRIPLE (p. 1179) courses.

## Global Language

### Learning Outcomes

1. Communicate orally (as appropriate) and in writing in a foreign language about a variety of situations with a variety of audiences.
2. Demonstrate comprehension of oral (as appropriate) and written texts in a foreign language on a wide range of topics to aspects of human experience, as well as life in a cross-cultural context.
3. Apply perspectives, practices, and ideas associated with the culture(s) of a foreign language.

Approved GLBL-LANG (p. 1180) courses.

## Focus Capacities

Every Focus Capacity course includes the following activities:

- Writing, totaling at least 10 pages in length or the intellectual equivalent
- Presenting material to the class, small groups, or the public through oral presentations, webpages, or other means
- Collaborating in pairs or groups to learn, design, solve, create, build, or research.

## Aesthetic and Interpretive Analysis

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Interpret and critique literary and artistic expression.
2. Analyze literary and artistic works in various contexts (social, political, historical, philosophical, etc.) and with regard to style, period, and the circumstances of composition.
3. Explain how aesthetic expression enhances human experience.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. What is the particular value of aesthetic experience and how does it generate meanings, responses, and acts of reflection?
2. What makes an artistic work different from other forms of expression?
3. How does creative attention to an aesthetic object reveal new ideas, articulate values, and reflect or enact art's functions in the world?

Approved FC-AESTH (p. 1181) courses.

## Creative Expression, Practice, and Production

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Compose, design, build, present, or perform a work that is the result of immersion in a creative process using appropriate media, tools, and techniques.

2. Explain the roles and influences of creativity, technologies, materials, and design processes in the creation of knowledge, expression, and effective solutions.
3. Evaluate their own and others' creative work to demonstrate how critique creates value in creative domains.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. What processes and practices can I use to produce meaningful expression or effective solutions with lasting impact?
2. How does collaboration and teamwork change or enhance the creative process?
3. How does a design strategy affect or enhance the creation and evaluation of a work of value?

Approved FC-CREATE (p. 1190) courses.

## Engagement with the Human Past

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Develop knowledge of different spatiotemporal scales, patterns, ideas, figures, and events from the past.
2. Evaluate primary source material and/or other historical evidence of past conditions (e.g., behaviors, events, and social, cultural, economic, and/or political structures); assess divergent or complementary methods, materials, and/or methodologies in interpreting the human past.
3. Assess conflicting historical narratives based on evidence and methodologies.
4. Generate and evaluate arguments based the analysis of primary and scholarly sources.
5. Apply historical methods and knowledge to make informed judgments about the past and the present.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. What events, conflicts, and continuities shaped an era of the human past?
2. What distinctive kinds of evidence do we use to interpret and understand the human past?
3. How have people made decisions and acted in light of historical knowledge?
4. How does the material and historical past survive in the present and affect our perception of both the past and the present?
5. What conditions and processes shape our approach to the human past?

Approved FC-PAST (p. 1192) courses.

## Ethical and Civic Values

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Explain the contexts in which questions of justification arise.
2. Assess ethical values in terms of reasons offered
3. Recognize different ethical perspectives and the distinctive approaches these perspectives bring to questions of value, evaluating ethical justifications for different ways of organizing civic and political communities.
4. Analyze the differences between personal ethical decisions and those bearing on the public and civic spheres.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. How can people think fruitfully (individually and together) about how they should live their lives?
2. What is required to judge a standard or value as worthy of support?
3. How should we distinguish between prejudices and reasonable grounds for value judgments?
4. What considerations – stories, reasons, testimony, documents, data, etc. – can justify our values and commitments, whether personal or social?

Approved FC-VALUES (p. 1199) courses.

## Global Understanding and Engagement

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Classify and analyze diverse historical, social, and political exchanges that shape nations, regions, and cultural traditions of the world.
2. Translate among contrasting civic cultures, social values, and moral commitments that characterize differences among peoples and societies, including those beyond the North Atlantic region.
3. Assess ways that political and economic institutions shape contemporary global relations.
4. Explain human and environmental challenges that transcend national borders.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. What forces connect and distinguish the experiences of peoples, societies, and human organization around the world?
2. How can I understand and compare differing worldviews?
3. What connections and differences exist between particular worldviews, experiences, societies, or power structures?
4. What ideas, approaches, and international sources allow scholars to compare societies?

Approved FC-GLOBAL (p. 1202) courses.

## Natural Scientific Investigation

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Demonstrate the ability to use scientific knowledge, logic, and imagination to construct and justify scientific claims about naturally

occurring phenomena, including validation through rigorous empirical testing.

2. Analyze and apply processes of scientific inquiry as dictated by the phenomena and questions at hand. These include generating and testing hypotheses or theories pertaining to the natural world; using logic and creativity to design investigations to test these hypotheses; collecting and interpreting data about the natural world; making inferences that respect measurement error; building and justifying arguments and explanations; communicating and defending conclusions; revising arguments and conclusions based on new evidence and/or feedback from peers; and synthesizing new knowledge into broader scientific understanding.
3. Evaluate science-related claims and information from popular and/or peer-reviewed sources by examining the relationship between the evidence, arguments, and conclusions presented and by assessing consistency with existing knowledge from valid and reliable scientific sources.
4. Identify, assess, and make informed decisions about ethical issues at the intersections of the natural sciences and society.

*The General Education Oversight Committee approved changes to the learning outcomes (<https://curricula.unc.edu/wp-content/uploads/sites/332/2021/04/FC-NATURAL-Revision-3.26.2021.pdf>) on 3-26-2021.*

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. What rules govern the natural world and how are they discovered, tested, and validated?
2. What is distinctive about the approach to understanding employed in the natural sciences?
3. What challenges are encountered in making measurements of the natural world?
4. What are the limits of investigation in the natural sciences?

Approved FC-NATSCI (p. 1208) courses.

## Power, Difference, and Inequality

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Recognize the relationship between inequality and social, economic, and political power.
2. Analyze configurations of power and the forms of inequality and bias they produce.
3. Evaluate dynamics of social, economic, and political inequality in relation to specific historical contexts.
4. Interrogate the systemic processes by which forms of inequality are sustained and how these processes have been and are resisted and transformed.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. What are the relevant structures, institutions, ways of thinking, and practices that create, maintain, and change social, economic, and political inequalities?



2. What practices have been implemented and institutionalized to address social, economic, and political inequalities?

Approved FC-POWER (p. 1209) courses.

## Quantitative Reasoning

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Summarize, interpret, and present quantitative data in mathematical forms, such as graphs, diagrams, tables, or mathematical text.
2. Develop or compute representations of data using mathematical forms or equations as models, and use statistical methods to assess their validity.
3. Make and evaluate important assumptions in the estimation, modeling, and analysis of data, and recognize the limitations of the results.
4. Apply mathematical concepts, data, procedures, and solutions to make judgments and draw conclusions.
5. Synthesize and present quantitative data to others to explain findings or to provide quantitative evidence in support of a position.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. What is the role of mathematics in organizing and interpreting measurements of the world?
2. How can mathematical models and quantitative analysis be used to summarize or synthesize data into knowledge and predictions?
3. What methodology can we apply to validate or reject mathematical models or to express our degree of confidence in them?

Approved FC-QUANT (p. 1215) courses.

## Ways of Knowing

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Recognize and use one or more approach(es) to developing and validating knowledge of the unfamiliar world.
2. Evaluate ways that temporal, spatial, scientific, and philosophical categories structure knowledge.
3. Interrogate assumptions that underlie our own perceptions of the world.
4. Employ strategies to mitigate or adjust for preconceptions and biases.
5. Apply critical insights to understand patterns of experience and belief.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. What norms and expectations do I take for granted?
2. What categories and concepts frame my assumptions, experiences, and beliefs?

3. What practices of investigation or inquiry best challenge those assumptions and expectations?
4. How can I consider whether my beliefs might be wrong?

Approved FC-KNOWING (p. 1217) courses.

## Empirical Investigation Lab

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Take empirical measurements using appropriate apparatus.
2. Generate and test hypotheses.
3. Gather, store, and organize data.
4. Analyze and report on data and hypothesis testing.

Approved FC-LAB (p. 1224) courses.

## Reflection and Integration

### Research and Discovery

#### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Frame a topic, develop an original research question or creative goal, and establish a point of view, creative approach, or hypothesis.
2. Obtain a procedural understanding of how conclusions can be reached in a field and gather appropriate evidence.
3. Evaluate the quality of the arguments and/or evidence in support of the emerging product.
4. Communicate findings in a clear and compelling ways.
5. Critique and identify the limits of the conclusions of the project and generate ideas for future work.

#### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. How do I establish my point of view, take intellectual risks, and begin producing original scholarship or creative works?
2. How do I narrow my topic, critique current scholarship, and gather evidence in systematic and responsible ways?
3. How do I evaluate my findings and communicate my conclusions?

Approved RESEARCH (p. 1225) courses.

## High-Impact Experience

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Explain the connections between academic studies and outside-the-classroom experiences and observations.
2. Apply knowledge in complex or ambiguous situations.
3. Develop questions from experiences and observations to deepen and extend academic inquiry.

#### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. How do things I've learned in the classroom apply to outside settings?
2. How can experiences and observation raise or answer questions in academic settings?
3. How can I meaningfully reflect to help navigate complexities and ambiguities I encounter?

Approved High-Impact Experiences (p. 1230).

## Communication Beyond Carolina

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Ascertain the expectations, opportunities, and barriers to oral communication in distinct situations.
2. Tailor communications to different kinds of settings, including individual, small group, and public communication.
3. Tailor communications to different levels of expertise (inexpert, informed, expert), and to varying levels of alignment (resistant, ambivalent, supportive) and distinct contexts.
4. Make informed situation- and audience-sensitive strategic choices in content and delivery.
5. Improve ability to move audiences, as measure by best practices, audience feedback, and instructor feedback.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. How can I engage with audiences through oral communication?
2. How do I best convey knowledge, ideas, and information effectively to different audiences in situations?
3. How can I best understand the views and ideas of others, both individually and collectively?
4. What are the best ways of strategizing and delivering oral communication for achieving my intended outcomes?
5. How can media or digital compositions extend my ability to communicate?

Approved COMMBEYOND (p. 1233) courses.

## Lifetime Fitness

### Learning Outcomes

These are the learning outcomes that are expected of students after completing a course.

1. Engage in healthy physical activity and nutritional behaviors.
2. Assess your own physical activity and fitness.
3. Design and initiate a personal physical activity plan for aerobic and muscular fitness.
4. Create solutions for overcoming barriers to maintaining lifetime fitness and proper nutrition throughout life.

Approved LIFE-FIT (p. 1239) courses.

## Campus Life Experience

### Learning Outcomes

These are the learning outcomes that are expected of students after completing this requirement.

1. Attend a diverse set of campus performances, lectures, and events.
2. Interpret performances, lectures, and events in light of academic study.
3. Participate in the life of a university campus and its activities outside the classroom.

### Questions for Students

These are the types of questions you should be able to answer after completing a course.

1. How do public and campus events enrich and broaden college learning?
2. How do performances and intellectual talks inspire new ways of interpreting and understanding the world?
3. How do political lectures and debates bridge or illuminate important differences?

If you applied to UNC as a transfer student, there are a few elements of the IDEAs in Action curriculum that are different for you.

If you transferred to UNC with at least 24 hours of post-high school transfer credit, you are exempt from the following 3 First-Year Foundation requirements:

1. College Thriving
2. First-Year Seminar/First-Year Launch
3. Ideas, Information, and Inquiry (Triple-I)

All other Gen Ed requirements must be fulfilled, including ENGL 105 and Global Language (p. 1180) from the First-Year Foundations.

## Transfer Students from a North Carolina Community College

If you earned an associate's degree from a North Carolina community college and qualify under the Comprehensive Articulation Agreement (CAA), all IDEAs in Action requirements are satisfied, with the following exceptions:

- Global Language
- Research and Discovery
- Communication Beyond Carolina
- Lifetime Fitness
- Supplemental General Education (BA degree only)

If you receive equivalent course credit, you may use the transfer credit to fulfill any of the requirements listed above.

## First-Year Students from a North Carolina Early College

If you were admitted as a first-year student and earned an associate's degree from a North Carolina early college (Cooperative Innovative High School) and qualify for the Comprehensive Articulation Agreement (CAA), all IDEAs in Action requirements are satisfied, with the following exceptions:

- Global Language
- Research and Discovery
- Communication Beyond Carolina
- Lifetime Fitness
- Supplemental General Education (B.A. degree only)

If you receive equivalent course credit, you may use the transfer credit to fulfill any of the requirements listed above.

Although not required, as a first-year student you may elect to enroll in IDST 101, Triple-I (p. 1179), and a FY-Seminar or FY-Launch (p. 1171) course.

## Contact Information

Visit Program Website (<https://ideasinaction.unc.edu/>)

### First-Year Curriculum Specialist

Ben Haven  
bhaven@email.unc.edu

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### Curriculum Director

Nick Siedentop  
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## First-Year Seminar and First-Year Launch

A First-Year Seminar or a First-Year Launch is a required First-Year Foundations course in the IDEAs in Action curriculum (p. 1164).

### First-Year Seminar

















Code	Title	Hours
<b>Approved Courses</b>		
AAAD 50	First-Year Seminar: Defining Blackness	3
AAAD 51	First-Year Seminar: Masquerades of Blackness	3
AAAD 53	First-Year Seminar: Experimentalism in Global Black Music and Performance Arts	3
AAAD 54	First-Year Seminar: African Migrations, Boundaries, Displacements, and Belonging	3
AAAD 55	First-Year Seminar: Youth Activism, Citizenship, and Social Change in Africa	3
AAAD 58	First-Year Seminar: Health Inequality in Africa and the African Diaspora	3
AAAD 89	First Year Seminar: Special Topics	3
AMST 51	First-Year Seminar: Navigating America	3
AMST 53	First-Year Seminar: The Family and Social Change in America <sup>H</sup>	3
AMST 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3
AMST 55	First-Year Seminar: Birth and Death in the United States <sup>H</sup>	3
AMST 59	First-Year Seminar: American Indian Art in the 20th Century	3
AMST 60	First-Year Seminar: American Indians in History, Law, and Literature	3
AMST 61	First-Year Seminar: Navigating the World through American Eyes	3













AMST 62	First-Year Seminar: Mobility, Roads, NASCAR, and Southern Culture	3
AMST 65	First-Year Seminar: North Carolina Black Feminisms	3
AMST 70	First-Year Seminar: Language in the U.S.A	3
AMST 75	First-Year Seminar: Food and the Media	3
AMST 89	First Year Seminar: Special Topics <sup>H</sup>	3
ANTH 50	First-Year Seminar: Skeletons in the Closet	3
ANTH 51	First-Year Seminar: Environmentalism and American Society	3
ANTH 52	First-Year Seminar: Asian Cultures, Asian Cities, Asian Modernities	3
ANTH 53	First-Year Seminar: Darwin's Dangerous Idea <sup>H</sup>	3
ANTH 54	First-Year Seminar: The Indians' New Worlds: Southeastern Histories from 1200 to 1800	3
ANTH 56	First-Year Seminar: The Art of Healing, the Culture of Curing	3
ANTH 57	First-Year Seminar: Today in Africa	3
ANTH 59	First-Year Seminar: The Right to Childhood: Global Efforts and Challenges	3
ANTH 60	First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>	3
ANTH 61	First-Year Seminar: Deep Economies	3
ANTH 62	First-Year Seminar: Indian Country Today	3
ANTH 63	First-Year Seminar: The Lives of Others: Exploring Ethnography	3
ANTH 64	First-Year Seminar: Public Archaeology in Bronzeville, Chicago's Black Metropolis	3
ANTH 65	First-Year Seminar: Humans and Animals: Anthropological Perspectives	3
ANTH 66H	First-Year Seminar: Saving the World? Humanitarianism in Action	3
ANTH 67	First-Year Seminar: Blackness and Racialization: A Multidimensional Approach	3
ANTH 68	Forced Out and Fenced In: Ethnography of Latinx Immigration	3
ANTH 70	By Persons Unknown: Race and Reckoning in North Carolina <sup>H</sup>	3
ANTH 77	First-Year Seminar: Windows of Mystery and Wonder: Exploring Self-Taught Art	3
ANTH 89	First-Year Seminar: Special Topics <sup>H</sup>	3
APPL 89	First-Year Seminar: Special Topics	3
ARTH 51	First-Year Seminar: Cathedrals, Abbeys, Castles: Gothic Art and Architecture (c. 1130-1450)	3
ARTH 54	First-Year Seminar: Art, War, and Revolution <sup>H</sup>	3
ARTH 55	First-Year Seminar: Art, Gender, and Power in Early Modern Europe <sup>H</sup>	3
ARTH 59	First-Year Seminar: World's Fairs	3

ARTH 61	 First-Year Seminar: African American Art of the Carolinas	3	BIOL 53	 First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome	3
ARTH 64	 First-Year Seminar: Picturing Nature	3	BIOL 55	 First-Year Seminar: The Roots and Flowering of Civilization: A Seminar on Plants and People	3
ARTH 66	 First-Year Seminar: Art, Money, and the Market	3	BIOL 57	 First-Year Seminar: Detecting the Future: Human Diseases and Genetic Tests	3
ARTH 85	 First-Year Seminar: Art and Technology	3	BIOL 59	 First-Year Seminar: Unsolved Problems in the Genomic Age	3
ARTH 89	 First-Year Seminar: Special Topics <sup>H</sup>	3	BIOL 59	 First-Year Seminar: Unsolved Problems in the Genomic Age	3
ARTS 50	 First-Year Seminar: The Artistic Temperament <sup>H</sup>	3	BIOL 61	 First-Year Seminar: Sea Turtles: A Case Study in the Biology of Conservation	3
ARTS 59	 First-Year Seminar: Time, A Doorway to Visual Expression	3	BIOL 62	 First-Year Seminar: Mountains Beyond Mountains: Infectious Disease in the Developing World <sup>H</sup>	3
ARTS 75	 First-Year Seminar: Stories in Sight: The Narrative Image	3	BIOL 64	 First-Year Seminar: Modeling Fluid Flow through and around Organs and Organisms	3
ARTS 78	 First-Year Seminar: The Visual Culture of Photography	3	BIOL 65	 First-Year Seminar: Pneumonia	3
ARTS 82	 First-Year Seminar: Please Save This: Exploring Personal Histories through Visual Language	3	BIOL 66	 First-year seminar: Evolution and the Science of Life	3
ARTS 89	 First-Year Seminar: Special Topics	3	BIOL 81	 First-Year Seminar: Intuition, Initiative and Industry: Biologists as Entrepreneurs	3
ASIA 52	 First-Year Seminar: Food in Chinese Culture	3	BIOL 89	 First Year Seminar: Special Topics	3
ASIA 55	 First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3	BMME 89	 First Year Seminar: Special Topics	3
ASIA 56	 First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3	BUSI 89	 First-Year Seminar: Special Topics	3
ASIA 57	 First-Year Seminar: Dis-Orienting the Orient	3	CHEM 70	 First-Year Seminar: You Don't Have to Be a Rocket Scientist	3
ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3	CHEM 73	 First-Year Seminar: From Atomic Bombs to Cancer Treatments: The Broad Scope of Nuclear Chemistry <sup>H</sup>	3
ASIA 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3	CHEM 74	 First-Year Seminar: Polymers: How Plastic Changed our World	3
ASIA 61	 First-Year Seminar: India through the Lens of Master Filmmakers	3	CHEM 75	 First-Year Seminar: Bread from Air? The Chemistry of Fertilizers	3
ASIA 63	 First-Year Seminar: Japanese Tea Culture	3	CHEM 89	 First-Year Seminar: Special Topics	3
ASIA 65	 First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3	CLAR 50	 First-Year Seminar: Art in the Ancient City <sup>H</sup>	3
ASIA 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3	CLAR 51	 First-Year Seminar: Who Owns the Past? <sup>H</sup>	3
ASIA 71	 First-Year Seminar: Asia in Iberian Converso Literature, 1500s-1650s	3	CLAS 51	 First-Year Seminar: Greek Drama from Page to Stage <sup>H</sup>	3
ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	3	CLAS 55	 First-Year Seminar: Three Greek and Roman Epics <sup>H</sup>	3
ASIA 73	 First-Year Seminar: Popular Culture in the Arab World	3	CLAS 57	 First-Year Seminar: Dead and Deadly Women: Greek Tragic Heroines from Aeschylus to Eliot <sup>H</sup>	3
ASIA 74	 First-Year Seminar: Imagining Palestine	3	CLAS 59	 First-Year Seminar: Ancient Magic and Religion	3
ASIA 75	 First-Year Seminar: Love in China	3	CLAS 61	 First-Year Seminar: Writing the Past <sup>H</sup>	3
ASIA 89	 First Year Seminar: Special Topics <sup>H</sup>	3	CLAS 62	 First-Year Seminar: Bandits, Barbarians, and Rebels in the Ancient Mediterranean	3
ASTR 61	 First-Year Seminar: The Copernican Revolution	3			
ASTR 63	 First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics <sup>H</sup>	3			
ASTR 89	 First-Year Seminar: Special Topics	3			




CLAS 63	 First-Year Seminar: The Politics of Persuasion in the Ancient and Modern Worlds	3	DRAM 80	 First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down <sup>H</sup>	3
CLAS 64	 First-Year Seminar: Cinema and the Ancient World	3	DRAM 81	 First-Year Seminar: Staging America: The American Drama <sup>H</sup>	3
CLAS 65	 First-Year Seminar: The City of Rome	3	DRAM 83	 First-Year Seminar: Spectacle in the Theatre	3
CLAS 67	 First-Year Seminar: Helen of Troy: From Homer to Hollywood	3	DRAM 85	 First-Year Seminar: Documentary Theatre <sup>H</sup>	3
CLAS 89	 First-Year Seminar: Special Topics <sup>H</sup>	3	DRAM 87	 First-Year Seminar: Style: A Mode of Expression <sup>H</sup>	3
CMPL 55	 First-Year Seminar: Comics as Literature	3	DRAM 89	 First Year Seminar: Special Topics	3
CMPL 62	 Curiosity and the Birth of the Imagination	3	ECON 54	 First-Year Seminar: The Entrepreneurial Imagination: Turning Ideas into Reality	3
CMPL 89	 First-Year Seminar: Special Topics	3	ECON 55	 First-Year Seminar: Economics of Sports <sup>H</sup>	3
COMM 51	 First-Year Seminar: Organizing and Communicating for Social Entrepreneurs	3	ECON 56	 First-Year Seminar: Entrepreneurship: Asia and the West	3
COMM 53	 First-Year Seminar: Collective Leadership Models for Community Change	3	ECON 57H	 First-Year Seminar: Constructing Your Own Venture	3
COMM 57	 First-Year Seminar: Is There Life after College?: The Meaning of Work in Contemporary Life	3	ECON 58	 First-Year Seminar: Researching the Tools for Success in College <sup>H</sup>	3
COMM 61	 First-Year Seminar: The Politics of Performance	3	ECON 89	 First Year Seminar: Special Topics <sup>H</sup>	3
COMM 62	 First-Year Seminar: African American Literature and Performance	3	EDUC 65	 First-Year Seminar: School Daze: What's School Got to do with Getting an Education?	3
COMM 63	 First-Year Seminar: The Creative Process in Performance	3	EDUC 89	 First-Year Seminar: Special Topics	3
COMM 73	 First-Year Seminar: Understanding Place through Rhetoric	3	EMES 51	 First-Year Seminar: Global Warming: Science, Social Impacts, Solutions	3
COMM 75	 First-Year Seminar: Researching Society and Culture	3	EMES 52	 First-Year Seminar: Living with Our Oceans and Atmosphere	3
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3	EMES 53	 First-Year Seminar: The Ends of the Earth: Polar Oceanography and Exploration	3
COMM 83	 First-Year Seminar: Networked Societies	3	EMES 55	 First-Year Seminar: Change in the Coastal Ocean	3
COMM 84	 First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution	3	EMES 59	 First-Year Seminar: Extreme Microorganisms: Pushing the Limits of Life on Earth and Beyond	3
COMM 85	 First-Year Seminar: Think, Speak, Argue	3	EMES 68	 First-Year Seminar: Soundscape of Our Planet	3
COMM 86	 First-Year Seminar: Surveillance and Society	3	EMES 72H	 First-Year Seminar: Field Geology of Eastern California	3
COMM 88	 First-Year Seminar: Technologies of Popular Culture	3	EMES 76	 First-Year Seminar: Energy Resources for a Hungry Planet	3
COMM 89	 First-Year Seminar: Special Topics <sup>H</sup>	3	EMES 77	 First-Year Seminar: Volcanoes and Civilization: An Uneasy Coexistence	3
COMP 50	 First-Year Seminar: Everyday Computing <sup>H</sup>	3	EMES 79	 First-Year Seminar: Coasts in Crisis	3
COMP 60	 First-Year Seminar: Robotics with LEGO® <sup>H</sup>	3	EMES 89	 First-Year Seminar: Special Topics	3
COMP 65	 First-Year Seminar: Folding, from Paper to Proteins <sup>H</sup>	3	ENEC 51	 First-Year Seminar: Balancing the Environment: Science, Human Values, and Policy in North Carolina	3
COMP 80	 First-Year Seminar: Enabling Technology--Computers Helping People <sup>H</sup>	3	ENEC 89	 First Year Seminar: Special Topics	3
COMP 85	 First-Year Seminar: The Business of Games <sup>H</sup>	3	ENGL 50	 First-Year Seminar: Multimedia North Carolina	3
COMP 89	 First -Year Seminar: Special Topics <sup>H</sup>	3	ENGL 52	 First-Year Seminar: Computers and English Studies <sup>H</sup>	3
DRAM 79	 First-Year Seminar: The Heart of the Play: Fundamentals of Acting, Playwriting, and Collaboration	3			






















































ENGL 53	 First-Year Seminar: Slavery and Freedom in African American Literature and Film	3	FOLK 89	 First-Year Seminar: Special Topics	3
ENGL 54	 First-Year Seminar: The War to End All Wars? The First World War and the Modern World <sup>H</sup>	3	FREN 65	 First-Year Seminar: La mode: Fashion in French Culture	3
ENGL 55	 First-Year Seminar: Reading and Writing Women's Lives <sup>H</sup>	3	FREN 80	 First-Year Seminar: Déjà vu. Medicine and Narration across Time and Space	3
ENGL 57	 First-Year Seminar: Future Perfect: Science Fictions and Social Form <sup>H</sup>	3	GEOG 50	 First-Year Seminar: Mountain Environments <sup>H</sup>	3
ENGL 58	 First-Year Seminar: The Doubled Image: Photography in U.S. Latina/o Short Fiction <sup>H</sup>	3	GEOG 52	 First-Year Seminar: Political Ecology of Health and Disease <sup>H</sup>	3
ENGL 59	 First-Year Seminar: Black Masculinity and Femininity	3	GEOG 53	 First-Year Seminar: Battle Park: Carolina's Urban Forest	3
ENGL 63	 First-Year Seminar: Banned Books <sup>H</sup>	3	GEOG 54	 First-Year Seminar: Global Change and the Carolinas	3
ENGL 66	 First-Year Seminar: Blake 2.0: William Blake in Popular Culture	3	GEOG 55	 First-Year Seminar: Landscape in Science and Art	3
ENGL 69	 First-Year Seminar: Entrepreneurial on the Web	3	GEOG 56	 First-Year Seminar: Local Places in a Globalizing World	3
ENGL 70	 First-Year Seminar: Courtly Love, Then and Now	3	GEOG 58	 First-Year Seminar: Making Myth-Leading Memories: Landscapes of Remembrance	3
ENGL 71	 First-Year Seminar: Healers and Patients <sup>H</sup>	3	GEOG 59	 First-Year Seminar: Space, Identity, and Power in the Middle East	3
ENGL 72	 First-Year Seminar: Literature of 9/11	3	GEOG 60	 First-Year Seminar: Health Care Inequalities	3
ENGL 73	 First-Year Seminar: Literature of War from World War I to the 21st Century	3	GEOG 61	 First-Year Seminar: Climate Change in the American Southeast	3
ENGL 74	 First-Year Seminar: Epic/Anti-Epic in Western Literature	3	GEOG 62	 First-Year Seminar: The Culture of Technology	3
ENGL 75	 First-Year Seminar: Interpreting the South from Manuscripts	3	GEOG 63	 First-Year Seminar: The Problem with Nature and Its Preservation <sup>H</sup>	3
ENGL 76H	 First-Year Seminar: Biography: People and Places, Chapel Hill	3	GEOG 64	 First-Year Seminar: Vietnam	3
ENGL 79	 First-Year Seminar: Globalization/Global Asians	3	GEOG 65	 First-Year Seminar: Climate Change in the Media <sup>H</sup>	3
ENGL 81	 First-Year Seminar: Jane Eyre and Its Afterlives	3	GEOG 67	 First-Year Seminar: Politics of Everyday Life	3
ENGL 85	 First-Year Seminar: Economic Saints and Villains <sup>H</sup>	3	GEOG 68	 First-Year Seminar: Freshwaters in the Anthropocene	3
ENGL 86	 First-Year Seminar: The Cities of Modernism	3	GEOG 89	 First Year Seminar: Special Topics	3
ENGL 87	 First-Year Seminar: Jane Austen, Then and Now <sup>H</sup>	3	GLBL 87H	 First Year Seminar: The Migratory Experience	3
ENGL 88	 First Year Seminar: The Legacy of the Japanese American Internment: from WWII to 9/11	3	GLBL 88	 First-Year Seminar: Beg, Borrow, and Steal: The Political Economy of Aid, FDI, and Corruption	3
ENGL 89	 First-Year Seminar: Special Topics <sup>H</sup>	3	GLBL 89	 First-Year Seminar: Special Topics <sup>H</sup>	3
ENVR 89	 First-Year Seminar: Special Topics	3	GSLI 50	 First-Year Seminar: Literary Fantasy and Historical Reality	3
EURO 89	 First-Year Seminar: Special Topics	3	GSLI 51	 First-Year Seminar: Stalin and Hitler: Historical Issues in Cultural and Other Perspectives	3
EXSS 50	 First-Year Seminar: Discrimination and Sport	3	GSLI 52	 First-Year Seminar: Nature and Death: Ecological Crises in German Literature and Film	3
EXSS 51	 First-Year Seminar: Entrepreneurship in Human Performance and Sport	3	GSLI 53	 First-Year Seminar: Early Germanic Culture: Myth, Magic, Murder, and Mayhem	3
EXSS 55	 First-Year Seminar: Sport Engineering and Human Performance	3	GSLI 54	 First-Year Seminar: Once upon a Fairy Tale: Fairy Tales and Childhood, Then and Now	3
EXSS 89	 First-Year Seminar: Special Topics	3	GSLI 55	 First-Year Seminar: Fantasies of Rome: Gladiators, Senators, Soothsayers, and Caesars	3
FOLK 77	 First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme <sup>H</sup>	3			

GSSL 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3	HIST 66	 First-Year Seminar: Film and History in Europe and the United States, 1908-1968	3
GSSL 59	 First-Year Seminar: Moscow 1937: Dictatorships and Their Defenders	3	HIST 67	 First-Year Seminar: Maid in America, Made in China: Laboring Women in Global Perspective	3
GSSL 60	 First-Year Seminar: Avant-Garde Cinema: History, Themes, Textures	3	HIST 70	 First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study	3
GSSL 63	 First-Year Seminar: Performing America	3	HIST 72	 First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3
GSSL 67	 First-Year Seminar: Blackness in the European Imaginary, Europe in the Black Imaginary	3	HIST 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
GSSL 68	 First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy <sup>H</sup>	3	HIST 76	 First-Year Seminar: Understanding 1492	3
GSSL 69	 First-Year Seminar: Laughing and Crying at the Movies: Film and Experience	3	HIST 79	 First-Year Seminar: Coming of Age in 20th Century America	3
GSSL 70	 First-Year Seminar: Teenage Kicks: Race, Class, and Gender in Postwar Youth Cultures	3	HIST 80	 First-Year Seminar: African American Music as History	3
GSSL 75	 First-Year Seminar: The Book of Books: Literature and the Bible	3	HIST 81	 First-Year Seminar: Diaries, Memoirs, and Testimonies of the Holocaust	3
GSSL 76	 First-Year Seminar: Uncharted Territory: Underworlds in Literature and the Visual Arts	3	HIST 83	 First-Year Seminar: African History through Popular Music	3
GSSL 80	 Not Just Dogs: Animals in Russian Literature	3	HIST 84	 First-Year Seminar: Monsters, Murders, and Mayhem in Microhistorical Analysis: French Case Studies <sup>H</sup>	3
GSSL 82	 First-Year Seminar: Doctor Stories	3	HIST 85	 First-Year Seminar: What Concentration Camp Survivors Tell Us <sup>H</sup>	3
GSSL 83	 First-Year Seminar: We, Robots: Identifying with our Automated Others in Fiction and Film	3	HIST 89	 First Year Seminar: Special Topics <sup>H</sup>	3
GSSL 84	 First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3	IDST 89	 First-Year Seminar: Special Topics	3
GSSL 85	 First-Year Seminar: Children and War	3	INLS 73	 First-Year Seminar: Smart Cities	3
GSSL 87	 First-Year Seminar: Literature Confronting Totalitarianism	3	INLS 89	 First-Year Seminar: Special Topics	3
GSSL 88H	 First-Year Seminar: Gender and Fiction in Central and Eastern Europe	3	ITAL 51	 First-Year Seminar: Contagion and Culture: Lessons from Italy	3
GSSL 89	 First-Year Seminar: Special Topics in Germanic and Slavic Languages and Literatures	3	JWST 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3
HIST 50	 First-Year Seminar: Time and the Medieval Cosmos	3	JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
HIST 51	 First-Year Seminar: Latin American Revolutions	3	JWST 89	 First-Year Seminar: Special Topics	3
HIST 52	 First-Year Seminar: Conflicts over Israel/Palestine	3	LING 60	 First-Year Seminar: How Reading Works: Language, Cognition, and Literacy	3
HIST 53	 First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3	LING 70	 First-Year Seminar: Language in the U.S.A	3
HIST 55	 First-Year Seminar: Preventing Broken Hearts in North Carolina: History and Health Care in the South	3	LING 89	 First-Year Seminar: Special Topics <sup>H</sup>	3
HIST 59	 First-Year Seminar: Rebuilding the American South: Work and Identity in Modern History	3	LTAM 89	 First-Year Seminar: Special Topics	3
HIST 62	 First-Year Seminar: Nations, Borders, and Identities	3	MATH 51	 First-Year Seminar: 'Fish Gotta Swim, Birds Gotta Fly': The Mathematics and the Mechanics of Moving <sup>H</sup>	3
HIST 63	 First-Year Seminar: Water, Conflict, and Connection: the Middle East and Ottoman Lands <sup>H</sup>	3	MATH 62	 First-Year Seminar: Combinatorics <sup>H</sup>	3
HIST 64	 First-Year Seminar: Gorbachev: The Collapse of the Soviet Empire and the Rise of the New Russia	3	MATH 65	 First-Year Seminar: Colliding Balls and Springs: The Microstructure of How Materials Behave	3
			MATH 68	 First-Year Seminar: The Mathematics of Voting	3
			MATH 69	 First-Year Seminar: Unfolding Infinity: Mathematical Origami and Fractal Symmetry	3

MATH 70	 First-Year Seminar: Topology and Symmetry	3	PHIL 59	 First-Year Seminar: Proofs of the Existence of God	3
MATH 89	 First-Year Seminar: Special Topics <sup>H</sup>	3	PHIL 60	 First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature <sup>H</sup>	3
MEJO 89	 First-Year Seminar: Special Topics	3	PHIL 61	 First Year Seminar: The Self: Aspiration and Transformation	3
MUSC 51	 First-Year Seminar: The Interplay of Music and Physics	3	PHIL 62	 First-Year Seminar: Philosophy with Children	3
MUSC 52	 First-Year Seminar: Building a Nation: The Stage Musicals of Rodgers and Hammerstein, 1942-1949	3	PHIL 63	 First-Year Seminar: Mind, Brain, and Consciousness	3
MUSC 53	 First-Year Seminar: Rock 'n' Roll: The First Wave, 1955-1964	3	PHIL 65	 First-Year Seminar: Philosophy through Mathematics	3
MUSC 54	 First-Year Seminar: Music and Magic	3	PHIL 66	 First-Year Seminar: Ethics: Theoretical and Practical	3
MUSC 55H	 First-Year Seminar: A Love Affair in Renaissance Drama and Music	3	PHIL 67	 First-Year Seminar: Issues in a World Society: Sports and Competition	3
MUSC 56	 First-Year Seminar: Early-Modern Court Spectacle	3	PHIL 68	 First-Year Seminar: Moral Life <sup>H</sup>	3
MUSC 57	 First-Year Seminar: Music and Drama: Verdi's Operas and Italian Romanticism	3	PHIL 70	 First-Year Seminar: Gateway to Philosophy, Politics, and Economics	3
MUSC 58	 First-Year Seminar: Music in Motion: American Popular Music and Dance	3	PHIL 75	 First-Year Seminar: Evil	3
MUSC 59	 First-Year Seminar: 20th-Century Music and Visual Art	3	PHIL 76	 First-Year Seminar: Is Free Will an Illusion? <sup>H</sup>	3
MUSC 60H	 First-Year Seminar: American Literature and Its Music	3	PHIL 77	 First-Year Seminar: Moral Weakness and Conscience	3
MUSC 61H	 First-Year Seminar: Reverberations	3	PHIL 78	 First-Year Seminar: Death as a Problem for Philosophy: Metaphysical and Ethical	3
MUSC 62	 First-Year Seminar: Vienna: City of Dreams <sup>H</sup>	3	PHIL 79	 First-Year Seminar: Words That Bind: The Structure of Constitutions	3
MUSC 63	 First-Year Seminar: Music on Stage and Screen <sup>H</sup>	3	PHIL 80	 First-Year Seminar: Short Stories and Contemporary Social Problems	3
MUSC 64	 First-Year Seminar: What is a Work of Art? Listening to Music	3	PHIL 85	 First-Year Seminar: Reason, Religion, and Reality in the Copernican Revolution <sup>H</sup>	3
MUSC 65	 First-Year Seminar: Music and Culture: Understanding the World through Music	3	PHIL 86	 First-Year Seminar: Persons and Identity	3
MUSC 66	 First-Year Seminar: A Course in Digital Humanities and Multimedia <sup>H</sup>	3	PHIL 89	 First Year Seminar: Special Topics	3
MUSC 89	 First-Year Seminar: Special Topics <sup>H</sup>	3	PHYS 50	 First-Year Seminar: Human Physiology	3
NSCI 61	 First-Year Seminar: Drug Addiction: Fact and Fiction <sup>H</sup>	3	PHYS 50	 First-Year Seminar: Time and the Medieval Cosmos	3
NSCI 71	 First Year Seminar: Plasticity and the Brain	3	PHYS 51	 First-Year Seminar: The Interplay of Music and Physics	3
NSCI 89	 First Year Seminar: Special Topics <sup>H</sup>	3	PHYS 52	 First-Year Seminar: Making the Right Connections	3
PHIL 51	 First-Year Seminar: Who Was Socrates?	3	PHYS 53	 First-Year Seminar: Handcrafting in the Nanoworld: Building Models and Manipulating Molecules	3
PHIL 52	 First-Year Seminar: Reason and Religion at the Dawn of Modern Science	3	PHYS 54	 First-Year Seminar: Physics of Movies	3
PHIL 53	 First-Year Seminar: Theories in Human Nature <sup>H</sup>	3	PHYS 55	 First-Year Seminar: Introduction to Mechatronics	4
PHIL 54	 First-Year Seminar: Thinking about Time	3	PHYS 61	 First-Year Seminar: The Copernican Revolution	3
PHIL 55	 First-Year Seminar: Paradoxes	3	PHYS 63	 First-Year Seminar: Catastrophe and Chaos: Unpredictable Physics <sup>H</sup>	3
PHIL 56	 First-Year Seminar: Abortion	3	PHYS 89	 First-Year Seminar: Special Topics	3
PHIL 57	 First-Year Seminar: Race and Affirmative Action	3			
PHIL 58	 First-Year Seminar: From Vengeance to Mercy: Dealing with Evil	3			



PLAN 50	 First-Year Seminar: This Land Is Your Land	3	POLI 70	 First-Year Seminar: Political Conflict in the European Union and the United States	3
PLAN 51	 First-Year Seminar: Envisioning Community	3	POLI 72	 First-Year Seminar: Entrepreneurship in Community and Economic Development	3
PLAN 52	 First-Year Seminar: Race, Sex, and Place in America	3	POLI 75	 First-Year Seminar: Thinking about Law	3
PLAN 53	 First-Year Seminar: The Changing American Job	3	POLI 76	 First-Year Seminar: The Obama Presidency	3
PLAN 54	 First-Year Seminar: Bringing Life Back to Downtown: Commercial Redevelopment of Cities and Towns	3	POLI 77	 Immigrants and Refugees in World Politics	3
PLAN 55	 First-Year Seminar: Sustainable Cities	3	POLI 87	 First-Year Seminar: What Does it Mean to be a Good Citizen?	3
PLAN 57	 First-Year Seminar: What Is a Good City? <sup>H</sup>	3	POLI 89	 First-Year Seminar: Special Topics	3
PLAN 58	 First-Year Seminar: Globalization and the Transformation of Local Economies	3	PSYC 54	 First-Year Seminar: Families and Children	3
PLAN 59	 First-Year Seminar: World's Fairs	3	PSYC 58	 First-Year Seminar: The Psychology of Mental States and Language Use <sup>H</sup>	3
PLAN 89	 First-Year Seminar: Special Topics	3	PSYC 62	 First-Year Seminar: Positive Psychology: The Science of Optimal Human Functioning	3
PLCY 51	 First-Year Seminar: The Global Environment in the 21st Century	3	PSYC 63	 First-Year Seminar: Use, Misuse, and Addiction to Drugs in the 21st Century	3
PLCY 54	 First-Year Seminar: U.S. Immigration	3	PSYC 66	 First-Year Seminar: Eating Disorders and Body Image	3
PLCY 55	 First-Year Seminar: Higher Education, the College Experience, and Public Policy	3	PSYC 67	 First-Year Seminar: The Senses of Animals	3
PLCY 60	 First-Year Seminar: Understanding Poverty	3	PSYC 68	 First-Year Seminar: Psychology of Emotion	3
PLCY 61	 First-Year Seminar: Policy Entrepreneurship and Public/Private/Non-Profit Partnerships <sup>H</sup>	3	PSYC 89	 First Year Seminar: Special Topics <sup>H</sup>	3
PLCY 63	 First-Year Seminar: Creating Social Value	3	PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
PLCY 68	 First Year Seminar: Health & Inequality	3	PWAD 89	 First-Year Seminar: Special Topics	3
PLCY 71	 First-Year Seminar: Justice and Inequality <sup>H</sup>	3	RELI 60	 First-Year Seminar: Religion and Racism	3
PLCY 75	 First-Year Seminar: Debates in Public Policy and Racial Inequality	3	RELI 61	 First-Year Seminar: Religion, Magic, and Science	3
PLCY 76	 First-Year Seminar: Global Health Policy <sup>H</sup>	3	RELI 62	 First-Year Seminar: A History of Heresy: Christian Dissent from the Gnostics to the Pentecostals	3
PLCY 80	 First-Year Seminar: Innovation, Entrepreneurship, and Economic Growth <sup>H</sup>	3	RELI 63	 First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3
PLCY 81	 First Year Seminar: America's Labor Market	3	RELI 64	 First-Year Seminar: Reintroducing Islam	3
PLCY 85	 First-Year Seminar: Reforming America's Schools <sup>H</sup>	3	RELI 65	 First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3
PLCY 87	 First-Year Seminar: Education in a Multicultural Society	3	RELI 66	 First-Year Seminar: Buddhism in America: From the Buddha to the Beastie Boys	3
PLCY 89	 First-Year Seminar: Special Topics	3	RELI 67	 First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3
POLI 50	 First-Year Seminar: Movies and Politics	3	RELI 68	 FYS: Charisma in Religion, Science, and Poetry Studies in the Entrepreneurial Imagination <sup>H</sup>	3
POLI 52	 First-Year Seminar: Friendship in Political Thought <sup>H</sup>	3	RELI 69	 First-Year Seminar: Gender and Sexuality in Contemporary Judaism	3
POLI 57	 First-Year Seminar: Democratic Governance in Contemporary Latin America	3	RELI 70	 First-Year Seminar: Jesus in Scholarship and Film	3
POLI 59	 First-Year Seminar: Revolution, America in 1776 and France in 1789	3	RELI 71	 First-Year Seminar: The Spirit of Capitalism	3
POLI 63	 First-Year Seminar: Social Movements and Political Protest and Violence	3	RELI 72	 First-Year Seminar: Apocalypse Now? Messianic Movements in America	3
POLI 66	 First-Year Seminar: The United States and the European Union: Partners or Rivals?	3			

RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3	SOCI 53	 First-Year Seminar: The Consequences of Welfare Reform and Prospects for the Future	3
RELI 74	 First-Year Seminar: Person, Time, and Religious Conduct <sup>H</sup>	3	SOCI 54	 First-Year Seminar: Good Jobs, Bad Jobs, No Jobs: Work and Workers in 21st-Century America	3
RELI 75	 First-Year Seminar: Sacrifice and Surrender	3	SOCI 56	 First-Year Seminar: Citizenship	3
RELI 76	 First-Year Seminar: Money and Morality: Divining Value in Social Life	3	SOCI 57	 First-Year Seminar: Rationalization and the Changing Nature of Social Life in 21st-Century America <sup>H</sup>	3
RELI 77	 First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3	SOCI 58	 First-Year Seminar: Globalization, Work, and Inequality	3
RELI 78	 First-Year Seminar: Reading the Bible: Now and Then	3	SOCI 59	 First-Year Seminar: The Advocacy Explosion: Social Movements in the Contemporary United States	3
RELI 79	 First-Year Seminar: Human Animals in Religion and Ethics	3	SOCI 60	 First-Year Seminar: Sociology of the Islamic World	3
RELI 80	 First-Year Seminar: Religion and Writing in the Ancient World	3	SOCI 64	 First-Year Seminar: Equality of Educational Opportunity Then and Now	3
RELI 85	 First-Year Seminar: Sex, Marriage, and Family in Religion	3	SOCI 66	 First-Year Seminar: Citizenship and Society in the United States	3
RELI 87	 First-Year Seminar: Confessions	3	SOCI 68	 First-Year Seminar: Immigration in Contemporary America	3
RELI 88	 First-Year Seminar: Religion and Society in Historical Novels	3	SOCI 69	 First-Year Seminar: Human Societies and Genomics	3
RELI 89	 First-Year Seminar: Special Topics <sup>H</sup>	3	SOCI 70	 First-Year Seminar: Difficult Dialogues	3
ROML 50	 First-Year Seminar: The Art and Science of Language: Orality and Literacy in the Information Age	3	SOCI 71	 First-Year Seminar: The Pursuit of Happiness <sup>H</sup>	3
ROML 51	 First-Year Seminar: National and Cultural Identities in the Romance Areas <sup>H</sup>	3	SOCI 72	 First-Year Seminar: Race and Ethnicity in the United States	3
ROML 52	 First-Year Seminar: The Value of Language in Identity: Hispanics in the United States	3	SOCI 89	 First-Year Seminar: Special Topics <sup>H</sup>	3
ROML 53	 First-Year Seminar: Oral Histories of Our Local Hispanic Community	3	SOWO 89	 First-Year Seminar: Special Topics	3
ROML 54	 First-Year Seminar: Issues in Francophone Literature	3	SPHG 89	 First-Year Seminar: Special Topics	3
ROML 55	 First-Year Seminar: Writing with an Accent: Latino Literature and Culture <sup>H</sup>	3	STOR 52	 First-Year Seminar: Decisions, Decisions, Decisions	3
ROML 56	 First-Year Seminar: Italians in Search of Harmony	3	STOR 53	 FYS: Networks: Degrees of Separation and Other Phenomena Relating to Connected Systems	3
ROML 58	 First-Year Seminar: Mexican Women across Borders and Genres	3	STOR 54	 First-Year Seminar: Adventures in Statistics	3
ROML 60	 First-Year Seminar: Spanish and Entrepreneurship: Language, Culture, and North Carolina Communities	3	STOR 55	 First-Year Seminar: Risk and Uncertainty in the Real World	3
ROML 61	 First-Year Seminar: Language in Autism and Developmental Disorders	3	STOR 56	 First-Year Seminar: The Art and Science of Decision Making in War and Peace	3
ROML 62	 First-Year Seminar: What Happened to Latin?	3	STOR 60	 First-Year Seminar: Statistical Decision-Making Concepts	3
ROML 63	 First Year Seminar: Forging Alliances: Religion, War, and Cultural Transference on the Camino	3	STOR 61	 First-Year Seminar: Statistics for Environmental Change	3
ROML 71	 First-Year Seminar: Asia in Iberian Converso Literature, 1500s-1650s	3	STOR 62	 First-Year Seminar: Probability and Paradoxes	3
ROML 89	 First-Year Seminar: Special Topics <sup>H</sup>	3	STOR 63	 FYS: Statistics, Biostatistics, and Bioinformatics: An Introduction to the Ongoing Evolution	3
SLAV 86	 First-Year Seminar: Literature and Madness	3	STOR 64	 First-Year Seminar: A Random Walk down Wall Street	3

STOR 66	First-Year Seminar: Visualizing Data	3	GLBL 221	The Migratory Experience	3
STOR 72	First-Year Seminar: Unlocking the Genetic Code	3	MATH 130	Precalculus Mathematics	3
STOR 89	First-Year Seminar: Special Topics	3	MATH 152	Calculus for Business and Social Sciences	3
WGST 51	First-Year Seminar: Race, Sex, and Place in America	3	MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4
WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3	MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4
WGST 64	Plantation Lullabies: Literature by and about African American Women	3	MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4
WGST 66	First-Year Seminar: Growing Up Girl, Globally	3	MUSC 120	Foundations in Music	3
WGST 67H	First-Year Seminar: Sexuality and Salvation	3	PHYS 114	General Physics I: For Students of the Life Sciences	4
WGST 68	First-Year Seminar: Assumed Identities: Performance in Photography	3	PHYS 115	General Physics II: For Students of the Life Sciences	4
WGST 89	First-Year Seminar: Special Topics <sup>H</sup>	3	PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H</sup>	4
			PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H</sup>	4

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## First-Year Launch

*Not all sections of these courses are offered as First-Year Launch classes. Please check to be sure they are scheduled with section number 01F, 02F, etc. or search for available FY Launch sections using the FC-LAUNCH class attribute.*

Code	Title	Hours
<b>Approved Courses</b>		
APPL 110	Introduction to Design and Making: Developing Your Personal Design Potential	3
BIOL 101	Principles of Biology <sup>H</sup>	3
BIOL 103	How Cells Function	3
BIOL 104	Biodiversity	3
BIOL 202	Molecular Biology and Genetics <sup>H</sup>	4
CHEM 101	General Descriptive Chemistry I <sup>H</sup>	3
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
COMM 140	Introduction to Media History, Theory, and Criticism	3
DRAM 120	Play Analysis <sup>H</sup>	3
ECON 101	Introduction to Economics <sup>H</sup>	4
EDUC 181	Introduction to Human Development and Family Science	3
EDUC 309	Foundations of Leadership	3
EMES 101	Planet Earth	3
ENEC 201	Introduction to Environment and Society <sup>H</sup>	4
ENGL 121	British Literature, 19th and Early 20th Century <sup>H</sup>	3
ENGL 129	Literature and Cultural Diversity <sup>H</sup>	3
EXSS 175	Human Anatomy	3
GEOG 130	Development and Inequality: Global Perspectives	3

			POLI 100	American Democracy in Changing Times <sup>H</sup>	3
			POLI 130	Introduction to Comparative Politics <sup>H</sup>	3
			POLI 150	International Relations and Global Politics <sup>H</sup>	3
			PSYC 101	General Psychology	3
			PWAD 150	International Relations and Global Politics <sup>H</sup>	3
			SOCI 100	Sociological Perspective Through Documentary Film	3
			STOR 120	Foundations of Statistics and Data Science	4
			STOR 155	Introduction to Data Models and Inference	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Ideas, Information, and Inquiry (Triple-I)




Triple-I is a required First-Year Foundations course in the IDEAs in Action curriculum (p. 1164). Students must register for both a Triple-I course (3 credits) **and** the Data Literacy course (1 credit).

Code	Title	Hours
<b>Approved Triple-I Courses</b>		
IDST 111 & 111L	Triple-I: Ethics, Economics, and Public Policy and Data Literacy Lab	4
IDST 112 & 112L	Triple-I: Death and Dying and Data Literacy Lab	4
IDST 113 & 113L	Triple-I: The Idea of Race and Data Literacy Lab	4
IDST 114 & 114L	Triple-I: Science Fiction, the Environment, and Vulnerable Communities and Data Literacy Lab	4
IDST 115 & 115L	Triple-I: Understanding Health and Happiness and Data Literacy Lab	4

IDST 116 & 116L	 Triple-I: Gender and Data Literacy Lab	4	CHIN 203	 Intermediate Chinese I	4
IDST 117 & 117L	 Triple-I: Experiencing Latin America: Bodies, Belonging, Nature and Data Literacy Lab	4	CHIN 212	 Intermediate Written Chinese	3
IDST 118 & 118L	 Triple-I: Fake News, Real Science and Data Literacy Lab	4	CHWA 403	 Intermediate Chichewa I	3
IDST 119 & 119L	 Triple-I: Food: People, Politics, and Policies and Data Literacy Lab	4	CZCH 403	 Intermediate Czech I	3
IDST 120 & 120L	 Triple-I: Myths, Moons, and Methods and Data Literacy Lab	4	DTCH 403	 Intermediate Dutch	3
IDST 121 & 121L	 Triple-I: Performing and Imagining the American South and Data Literacy Lab	4	FREN 203	 Intermediate French I <sup>H</sup>	3
IDST 122 & 122L	 Triple-I: Humans and the Cosmos and Data Literacy Lab	4	FREN 402	 Intermediate Accelerated French	3
IDST 123 & 123L	 Triple-I: Borders and Boundaries and Data Literacy Lab	4	GERM 203	 Intermediate German I <sup>H</sup>	3
IDST 124 & 124L	 Triple-I: Pandemics: Ethics, Literatures, and Cultures and Data Literacy Lab	4	GREK 203	 Intermediate Greek I	3
IDST 125 & 125L	 Triple-I: The Art and Science of Expertise and Data Literacy Lab	4	HEBR 203	 Intermediate Modern Hebrew I	3
IDST 126 & 126L	 Triple-I: Values and Prices and Data Literacy Lab	4	HNUR 203	 Intermediate Hindi-Urdu I	4
IDST 127 & 127L	 Triple-I: What is Art? Where is Art? and Data Literacy Lab	4	HUNG 403	 Intermediate Hungarian Language	3
IDST 128 & 128L	 Triple-I: Never in Polite Company: Talking about Religion and Politics in Public and Data Literacy Lab	4	ITAL 203	 Intermediate Italian I	3
IDST 129 & 129L	 Triple-I: Countering Hate and Data Literacy Lab	4	ITAL 402	 Intermediate Accelerated Italian	3
IDST 130 & 130L	 Triple-I: The Future of Food and Data Literacy Lab	4	JAPN 203	 Intermediate Japanese I	4
IDST 132 & 132L	 Triple-I: Science for Hyperpartisan Times and Data Literacy Lab	4	JWST 203	 Intermediate Modern Hebrew I	3
IDST 133 & 133L	 Triple-I: How to Not Be Fooled - Or Fool Yourself and Data Literacy Lab	4	KOR 203	 Intermediate Korean I	4
IDST 190 & 190L	 Triple-I: Special Topics and Special Topics in Interdisciplinary Studies Lab	4	LATN 203	 Intermediate Latin I	3
			LGLA 403	 Intermediate Lingala III	3
			LING 503	 Structure of American Sign Language	3
			MACD 403	 Intermediate Macedonian	3
			PLSH 403	 Intermediate Polish I	3
			PORT 203	 Intermediate Portuguese I	3
			PORT 212	 Intensive Intermediate Portuguese	6
			PORT 402	 Intermediate Accelerated Brazilian Portuguese II	3
			PRSN 203	 Intermediate Persian I	3
			RELI 403	 Intermediate Classical Hebrew I	3
			RUSS 203	 Intermediate Russian Communication I	3
			SPAN 203	 Intermediate Spanish I <sup>H</sup>	3
			SPAN 212	 Modified Intensive Intermediate Spanish I	6
			SPAN 402	 Intermediate Accelerated Spanish	3
			SPAN 405	 Intermediate Spanish for Health Care Professionals	3
			SWAH 234	 Intensive Kiswahili 3-4	6
			SWAH 403	 Intermediate Kiswahili III	3
			TURK 203	 Intermediate Turkish I	3
			VIET 203	 Intermediate Vietnamese I	3
			WOLO 403	 Intermediate Wolof III	3
			YORU 403	 Intermediate Yoruba III	3

## Global Language

Global language (through level 3) is a required First-Year Foundations course in the IDEAs in Action curriculum (p. 1164).




Code	Title	Hours
<b>Approved Courses (Level 3)</b>		
ARAB 203	 Intermediate Arabic I	4
BCS 403	 Intermediate Bosnian-Croatian-Serbian Language I	3
CHER 203	 Intermediate Cherokee Language I	3














<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Aesthetic and Interpretive Analysis

Aesthetic and Interpretive Analysis (FC-AESTH) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 1164).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Code	Title	Hours
<b>Approved Courses</b>		
AAAD 51	 First-Year Seminar: Masquerades of Blackness	3
AAAD 53	 First-Year Seminar: Experimentalism in Global Black Music and Performance Arts	3
AAAD 202	 African Film and Performance	3
AAAD 237	 African American Art Survey	3
AAAD 250	 The African American in Motion Pictures: 1900 to the Present	3
AAAD 259	 Black Influences on Popular Culture	3
AAAD 261	 Afro-Cuban Dance: History, Theory, and Practice	3
AAAD 278	 Black Caribbeans in the United States	3
AAAD 284	 Contemporary Perspectives on the African Diaspora in the Americas	3
AAAD 318	 Politics of Art in Africa	3
AAAD 320	 Music of Africa	3
AAAD 330	 20th-Century African American Art	3
AAAD 350	 The Harlem Renaissance	3
AAAD 356	 The History of Hip-Hop Culture	3
AAAD 388	 Black Feminist Thought & the Speculative Imagination	3
AAAD 389	 The Caribbean Anticolonial: Caribbean Literature, Film, Aesthetics, and Politics	3
AAAD 405	 Contemporary African Art	3
AAAD 480	 Vernacular Traditions in African American Music	4
AMST 60	 First-Year Seminar: American Indians in History, Law, and Literature	3
AMST 201	 Literary Approaches to American Studies	3
AMST 211	 Approaches to Southern Studies: The Literary and Cultural Worlds of the American South	3
AMST 225	 Comedy and Ethics <sup>H</sup>	3
AMST 252	 Muslim American Literatures and Cultures	3
AMST 256	 Anti-'50s: Voices of a Counter Decade	3
AMST 257	 Melville: Culture and Criticism	3
AMST 265	 The Black Interior	3
AMST 268	 American Cinema and American Culture	3
AMST 284	 Visual Culture	3
AMST 338	 American Indian Novel	3
AMST 354	 Asian American Graphic Form	3
AMST 365	 Women and Detective Fiction: From Miss Violet Strange to Veronica Mars	3
AMST 371	 LGBTQ Film and Fiction from 1950 to the Present	3
AMST 483	 Seeing the USA: The Film Director as Public Intellectual	3
AMST 485	 Folk, Self-Taught, and Outsider Arts	3
AMST 489	 Writing Material Culture	3
AMST 685	 Literature of the Americas	3
ANTH 202	 Everyday Cultures: Folklore in America	3
ANTH 272	 Healing in Ethnography and Literature	3
ANTH 356	 Artisans and Global Culture: Economic, Historical, Experiential, and Cross-Cultural Dimensions <sup>H</sup>	3
ANTH 406	 Native Writers	3
ARAB 150	 Introduction to Arab Cultures	3
ARAB 151	 Arabic Literature through the Ages	3
ARAB 211	 Arab Comics	3
ARAB 255	 Arab World Photography	3
ARAB 337	 Borders and Walls in the Arab World	3
ARAB 434	 Modern Arabic Literature in Translation	3
ARAB 453	 Film, Nation, and Identity in the Arab World	3
ARTH 54	 First-Year Seminar: Art, War, and Revolution <sup>H</sup>	3
ARTH 55	 First-Year Seminar: Art, Gender, and Power in Early Modern Europe <sup>H</sup>	3
ARTH 61	 First-Year Seminar: African American Art of the Carolinas	3
ARTH 150	 The Visual World <sup>H</sup>	3
ARTH 152	 Art in Life: An Introduction to Western Art from the Renaissance to the Modern Period <sup>H</sup>	3
ARTH 155	 African Art Survey	3
ARTH 156	 Introduction to Architecture	3
ARTH 159	 The Film Experience: Introduction to the Visual Study of Film	3
ARTH 161	 Introduction to American Art	3
ARTH 200	 Art and Fashion from Rome to Timbuktu	3
ARTH 201	 Making Material Histories: A Makerspace Course	3
ARTH 242	 Egyptian Art and Archaeology	3
ARTH 244	 Greek Art and Archaeology	3
ARTH 247	 Roman Art and Archaeology	3
ARTH 267	 Latin American Modernisms	3
ARTH 268	 Hellenistic Art and Archaeology (350-31 BCE)	3
ARTH 272	 Northern European Art: Van Eyck to Bruegel	3
ARTH 274	 European Baroque Art	3
ARTH 275	 18th-Century Art	3





ARTH 277	 Art and Architecture of Viceregal Latin America	3	ARTS 103	 Sculpture I	3
ARTH 279	 The Arts in England, 1450-1650 <sup>H</sup>	3	ARTS 105	 Photography I <sup>H</sup>	3
ARTH 282	 Modernism I: Realism, Impressionism, Post-Impressionism	3	ARTS 115	 Darkroom Photography I	3
ARTH 283	 Picturing Paris: 1800-2000	3	ARTS 132	 Collage: Strategies for Thinking and Making	3
ARTH 284	 Modernism II: 1905-1960	3	ARTS 202	 Painting I	3
ARTH 285	 Art Since 1960 <sup>H</sup>	3	ARTS 205	 Photography II	3
ARTH 287	 African American Art Survey	3	ARTS 214	 Life Drawing	3
ARTH 297	 Clothing and Textiles in Africa	3	ARTS 215	 Darkroom Photography II	3
ARTH 299	 Arts of West Africa	3	ARTS 233	 Wood Sculpture	3
ARTH 302	 Fashioning Identities	3	ARTS 243	 Metal Sculpture	3
ARTH 310	 From Charlemagne to Bauhaus: German Art and Architecture from the Middle Ages to Modern Time	3	ARTS 322	 Narrative Painting	3
ARTH 330	 Art, History, and the Modern Museum	3	ARTS 343	 MAKE: Art in the (New) Age	3
ARTH 360	 The Art of Dying Well: Death and Commemoration in the Middle Ages and Early Modern Times	3	ARTS 353	 Phantasmagoria: Haunted Art, History, and Installation	3
ARTH 368	 The Renaissance Portrait	3	ARTS 355	 The Practice of Representation: Portraiture in Photography	3
ARTH 370	 Visual Art in the Age of Revolution	3	ARTS 363	 At the Radical Edge of Life: Art, Space, and Ecology	3
ARTH 380	 Life and Art in Ancient Pompeii	3	ARTS 364	 The Walking Seminar: A Territorial Investigation	3
ARTH 383	 Modern Architecture	3	ARTS 373	 Art, Rites and Rituals of Pilgrimage	3
ARTH 387	 20th-Century African American Art	3	ARTS 410	 Public Art	3
ARTH 391	 Undergraduate Research Seminar	3	ASIA 52	 First-Year Seminar: Food in Chinese Culture	3
ARTH 401	 Seen, Unseen, and Suggested: Representation and Hollywood Film Censorship	3	ASIA 55	 First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ARTH 446	 The Invention of the Modern Artist	3	ASIA 56	 First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
ARTH 457	 Studies in the History of Graphic Art	3	ASIA 61	 First-Year Seminar: India through the Lens of Master Filmmakers	3
ARTH 465	 Roman Architecture	3	ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	3
ARTH 469	 Art of the Aztec Empire	3	ASIA 74	 First-Year Seminar: Imagining Palestine	3
ARTH 473	 Early Modern and Modern Decorative Arts	3	ASIA 75	 First-Year Seminar: Love in China	3
ARTH 474	 Roman Sculpture	3	ASIA 124	 Iranian Post-1979 Cinema	3
ARTH 476	 Roman Painting	3	ASIA 126	 Introduction to Persian Literature	3
ARTH 484	 Culture on the Move: Art, Empire, and Restitution since 1800	3	ASIA 127	 Iranian Women Writers	3
ARTH 485	 Art of the Harlem Renaissance	3	ASIA 163	 Hindi-Urdu Poetry in Performance	3
ARTH 488	 Contemporary African Art	3	ASIA 164	 Music of South Asia	3
ARTH 514	 Monuments and Memory	3	ASIA 228	 Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3
ARTH 557	 Art and Money	3	ASIA 231	 Bollywood Cinema	3
ARTH 588	 Current Issues in Art	3	ASIA 235	 Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3
ARTH 592	 History and Theory of Museums	3	ASIA 255	 The Feast in Film, Fiction, and Philosophy <sup>H</sup>	3
ARTS 50	 First-Year Seminar: The Artistic Temperament <sup>H</sup>	3	ASIA 256	 Love in Classical Persian Poetry	3
ARTS 59	 First-Year Seminar: Time, A Doorway to Visual Expression	3	ASIA 262	 Nation, Film, and Novel in Modern India	3
ARTS 82	 First-Year Seminar: Please Save This: Exploring Personal Histories through Visual Language	3	ASIA 332	 The Story of Rama in India	3

ASIA 360	 Contemporary Asian American Literature and Theory	3	CLAR 474	 Roman Sculpture	3
ASIA 379	 Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3	CLAR 475	 Provinces and Frontiers of the Roman Empire	3
ASIA 380	 Almost Despicable Heroines in Japanese and Western Literature	3	CLAR 476	 Roman Painting	3
ASIA 382	 The Story of Rama in Indian Culture--Experiential	3	CLAR 480	 Egypt after the Pharaohs	3
ASIA 431	 Persian Sufi Literature	3	CLAS 67	 First-Year Seminar: Helen of Troy: From Homer to Hollywood	3
ASIA 435	 The Cinemas of the Middle East and North Africa	3	CLAS 121	 The Greeks <sup>H</sup>	3
ASIA 442	 Postcolonial Literature of the Middle East	3	CLAS 122	 The Romans <sup>H</sup>	3
ASIA 483	 Cross-Currents in East-West Literature	3	CLAS 131	 Classical Mythology <sup>H</sup>	3
ASIA 522	 Beauty and Power in the Classical Indian World	3	CLAS 240	 Women in Greek Art and Literature <sup>H</sup>	3
ASIA 584	 The Qur'an as Literature	3	CLAS 257	 Augustus and Rome <sup>H</sup>	3
CHIN 238	 From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3	CLAS 362	 Greek Tragedy <sup>H</sup>	3
CHIN 242	 Chinese Qin Music	3	CLAS 363	 Latin and Greek Lyric Poetry in Translation <sup>H</sup>	3
CHIN 247	 Indigenous Spiritualities in Literatures of China and Taiwan <sup>H</sup>	3	CMPL 55	 First-Year Seminar: Comics as Literature	3
CHIN 255	 Bandit or Hero: Outlawry in Chinese Literature and Films	3	CMPL 62	 Curiosity and the Birth of the Imagination	3
CHIN 361	 Chinese Traditional Theater	3	CMPL 120	 Great Books I: Epic and Lyric Traditions	3
CHIN 367	 Illustration and the Animation of Text	3	CMPL 121	 Great Books I: Romancing the World <sup>H</sup>	3
CHIN 407	 Readings in Modern Chinese I	3	CMPL 122	 Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	3
CHIN 464	 The City in Modern Chinese Literature and Film	3	CMPL 123	 Great Books I: Politics and Literature from Antiquity to 1750	3
CHIN 480	 Queering China	3	CMPL 124	 Great Books I: Science and Literature from Antiquity to 1750	3
CHIN 510	 Introduction to Classical Chinese	3	CMPL 130	 Great Books II <sup>H</sup>	3
CHIN 545	 Chinese Science Fiction	3	CMPL 131	 Great Books II: Savage, Native, Stranger, Other	3
CHIN 551	 Chinese Poetry in Translation	3	CMPL 132	 Great Books II: Performance and Cultural Identity in the African Diaspora	3
CHIN 552	 Chinese Prose in Translation	3	CMPL 134	 Great Books II: Travel and Identity <sup>H</sup>	3
CHIN 562	 Contemporary Chinese Urban Culture and Arts	3	CMPL 142	 Visual Culture II	3
CHIN 631	 Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	3	CMPL 143	 History of Global Cinema	3
CLAR 120	 Ancient Mediterranean, Egyptian, and Near Eastern Archaeology <sup>H</sup>	3	CMPL 144	 Engaging Film and Media	3
CLAR 200	 Art and Fashion from Rome to Timbuktu	3	CMPL 150	 Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship	3
CLAR 242	 Egyptian Art and Archaeology	3	CMPL 180	 Race and Ethnicity in Hollywood Productions and Beyond	3
CLAR 243	 Minoans and Mycenaeans: The Archaeology of Bronze Age Greece	3	CMPL 212	 The Cinematic City	3
CLAR 244	 Greek Art and Archaeology	3	CMPL 220	 Global Authors: Jane Austen <sup>H</sup>	3
CLAR 247	 Roman Art and Archaeology	3	CMPL 223	 Global Authors: Cervantes	3
CLAR 268	 Hellenistic Art and Archaeology (350-31 BCE)	3	CMPL 225	 Global Authors: The Worlds of Shakespeare	3
CLAR 380	 Life and Art in Ancient Pompeii	3	CMPL 227	 Global Authors: The Middle Ages in World Cinema	3
CLAR 465	 Roman Architecture	3	CMPL 230	 Global Crusoe: The Desert-Island Idea in Film and Fiction	3
			CMPL 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3














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CMPL 240	 Introduction to Film Theory	3	CMPL 462	 Realism and Naturalism	3
CMPL 246	 Body Politics in Modern Korean Literature <sup>H</sup>	3	CMPL 463	 Cinema and Surrealism	3
CMPL 247	 Indigenous Spiritualities in Literatures of China and Taiwan <sup>H</sup>	3	CMPL 466	 Modernism	3
CMPL 250	 Approaches to Comparative Literature <sup>H</sup>	3	CMPL 468	 Aestheticism	3
CMPL 251	 Introduction to Literary Theory	3	CMPL 469	 Milan Kundera and World Literature	3
CMPL 254	 Horror and the Global Gothic: Film, Literature, Theory	3	CMPL 470	 Concepts and Perspectives of the Tragic	3
CMPL 255	 The Feast in Film, Fiction, and Philosophy <sup>H</sup>	3	CMPL 472	 The Drama from Ibsen to Beckett	3
CMPL 256	 Love in Classical Persian Poetry	3	CMPL 473	 Drama, Pageantry, and Spectacle in Medieval Europe	3
CMPL 257	 The Crisis of Modernity in World Cinema	3	CMPL 477	 Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen	3
CMPL 259	 Ideology and Aesthetics: Marxism and Literature	3	CMPL 480	 Queering China	3
CMPL 260	 Landscape: Re-Imagining the Natural World	3	CMPL 483	 Cross-Currents in East-West Literature	3
CMPL 262	 Film and Politics	3	CMPL 485	 Approaches to 20th-Century Narrative	3
CMPL 263	 European Exile Cinema	3	CMPL 487	 Literature and the Arts of Love	3
CMPL 267	 Contemporary German and Austrian Cinema	3	CMPL 495	 Advanced Seminar	3
CMPL 272	 History of German Cinema	3	CMPL 520	 Cinema, Painting, and The Frame	3
CMPL 275	 Literature of Pilgrimage	3	CMPL 535	 The Cinemas of the Middle East and North Africa	3
CMPL 277H	 Myth, Fable, Novella: The Long History of the Short Story	3	CMPL 545	 Chinese Science Fiction	3
CMPL 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3	CMPL 547	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3
CMPL 280	 Film Genres	3	CMPL 558	 The Lives and Times of Medieval Corpses	3
CMPL 317	 Myth, Fable, Novella: The Long History of the Short Story <sup>H</sup>	3	CMPL 622	 Medieval Cosmopolitanisms	3
CMPL 374	 Modern Women Writers	3	CMPL 685	 Literature of the Americas	3
CMPL 375	 New Wave Cinema: Its Sources and Its Legacies	3	COMM 62	 First-Year Seminar: African American Literature and Performance	3
CMPL 377	 The World of the Beat Generation: Transcultural Connections	3	COMM 142	 Popular Music	3
CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3	COMM 150	 Introduction to New Media	3
CMPL 380	 Almost Despicable Heroines in Japanese and Western Literature	3	COMM 263	 Performing Literature <sup>H</sup>	3
CMPL 382	 Film and Nature	3	COMM 335	 Film Story Analysis	3
CMPL 386	 Adolescence in 20th- and 21st-Century Literature	3	COMM 337	 Visual Storytelling for Screenwriters	3
CMPL 420	 Film, Photography, and the Digital Image	3	COMM 345	 Gender and Film	3
CMPL 442	 Postcolonial Literature of the Middle East	3	COMM 430	 History of American Screenwriting	3
CMPL 450	 Major Works of 20th-Century Literary Theory	3	COMM 437	 United States Black Culture and Performance	3
CMPL 453	 The Erotic Middle Ages	3	COMM 464	 Collaborative Performance <sup>H</sup>	3
CMPL 454	 Literature of the Continental Renaissance in Translation <sup>H</sup>	3	COMM 534	 Aesthetic and Technical Considerations in Making Short Videos	3
CMPL 456	 The 18th-Century Novel	3	COMM 561	 Performance of Women of Color <sup>H</sup>	3
			COMM 622	 Environmental Filmmaking: Creative Production and Social Impact	3
			COMM 653	 Experimental Video	3



COMM 656	 Sound for Film and Video: Theory and Practice for Motion Picture Sound Design	3	ENGL 69	 First-Year Seminar: Entrepreneurial on the Web	3
COMM 661	 Race and Ethnicity	3	ENGL 70	 First-Year Seminar: Courtly Love, Then and Now	3
COMM 662	 Black/African Diaspora Performance	3	ENGL 71	 First-Year Seminar: Healers and Patients <sup>H</sup>	3
COMM 681	 Contemporary Film Theory	3	ENGL 72	 First-Year Seminar: Literature of 9/11	3
CZCH 469	 Milan Kundera and World Literature	3	ENGL 73	 First-Year Seminar: Literature of War from World War I to the 21st Century	3
DRAM 81	 First-Year Seminar: Staging America: The American Drama <sup>H</sup>	3	ENGL 74	 First-Year Seminar: Epic/Anti-Epic in Western Literature	3
DRAM 115	 Perspectives in Drama <sup>H</sup>	3	ENGL 79	 First-Year Seminar: Globalization/Global Asians	3
DRAM 116	 Perspectives in the Theatre: Page to Stage <sup>H</sup>	3	ENGL 85	 First-Year Seminar: Economic Saints and Villains <sup>H</sup>	3
DRAM 120	 Play Analysis <sup>H</sup>	3	ENGL 87	 First-Year Seminar: Jane Austen, Then and Now <sup>H</sup>	3
DRAM 151	 Introduction to the American Stage Musical	3	ENGL 88	 First Year Seminar: The Legacy of the Japanese American Internment: from WWII to 9/11	3
DRAM 220	 Theatre Histories	3	ENGL 113	 Introduction to Critical Game Studies	3
DRAM 277	 Introduction to Theatrical Design	3	ENGL 120	 British Literature, Medieval to 18th Century <sup>H</sup>	3
DRAM 281	 Theatre History and Literature I	3	ENGL 121	 British Literature, 19th and Early 20th Century <sup>H</sup>	3
DRAM 282	 Theatre History and Literature II	3	ENGL 122	 Introduction to American Literature <sup>H</sup>	3
DRAM 283	 Theatre History and Literature III	3	ENGL 123	 Introduction to Fiction <sup>H</sup>	3
DRAM 285	 Modern British Drama <sup>H</sup>	3	ENGL 124	 Contemporary Literature	3
DRAM 287	 African American Theatre	3	ENGL 125	 Introduction to Poetry	3
DRAM 292	 "Corner of the Sky": The American Musical	3	ENGL 126	 Introduction to Drama	3
DRAM 300	 Directing	3	ENGL 127	 Writing about Literature	3
DRAM 350	 Advanced Acting for the Major	3	ENGL 128	 Major American Authors	3
DRAM 466	 Scene Design	3	ENGL 129	 Literature and Cultural Diversity <sup>H</sup>	3
DRAM 467	 Costume Design I	3	ENGL 140	 Introduction to Gay and Lesbian Culture and Literature	3
DRAM 486	 Latin American Theatre	3	ENGL 141	 World Literatures in English	3
DRAM 488	 United States Latino/a Theatre	3	ENGL 142	 Film Analysis <sup>H</sup>	3
EDUC 507	 Arts, Education, and Social Change	3	ENGL 143	 Film and Culture	3
EDUC 518	 Exploring Public Pedagogies through Popular Culture	3	ENGL 144	 Popular Genres	3
EDUC 567	 Children's Literature in Elementary and Middle Schools	3	ENGL 146	 Science Fiction/Fantasy/Utopia	3
ENGL 52	 First-Year Seminar: Computers and English Studies <sup>H</sup>	3	ENGL 147	 Mystery Fiction	3
ENGL 53	 First-Year Seminar: Slavery and Freedom in African American Literature and Film	3	ENGL 148	 Horror	3
ENGL 54	 First-Year Seminar: The War to End All Wars? The First World War and the Modern World <sup>H</sup>	3	ENGL 150	 Introductory Seminar in Literary Studies	3
ENGL 55	 First-Year Seminar: Reading and Writing Women's Lives <sup>H</sup>	3	ENGL 153	 Sex, Gender, and Sexuality in the Premodern World	3
ENGL 57	 First-Year Seminar: Future Perfect: Science Fictions and Social Form <sup>H</sup>	3	ENGL 155	 The Visual and Graphic Narrative	3
ENGL 59	 First-Year Seminar: Black Masculinity and Femininity	3	ENGL 161	 Literature of War from World War I to the 21st Century	3
ENGL 63	 First-Year Seminar: Banned Books <sup>H</sup>	3	ENGL 163	 Introduction to Health Humanities	3
ENGL 66	 First-Year Seminar: Blake 2.0: William Blake in Popular Culture	3	ENGL 164	 Introduction to Latina/o Studies <sup>H</sup>	3
			ENGL 184	 Children's Literature in Contemporary Society	3
			ENGL 202	 Everyday Cultures: Folklore in America	3

ENGL 218	 American Poetry <sup>H</sup>	3	ENGL 327	 Renaissance Literature and Its Intellectual Contexts	3
ENGL 219	 The American Novel <sup>H</sup>	3	ENGL 329	 Medieval Feminisms	3
ENGL 220	 American Literature, Before 1900 <sup>H</sup>	3	ENGL 330	 Perspectives on the Renaissance	3
ENGL 221	 American Literature, 1900-2000 <sup>H</sup>	3	ENGL 331	 18th-Century Literature <sup>H</sup>	3
ENGL 223	 Chaucer <sup>H</sup>	3	ENGL 346	 U.S. Literature on Page and Screen <sup>H</sup>	3
ENGL 224	 Survey of Medieval English Literature, excluding Chaucer <sup>H</sup>	3	ENGL 356	 British and American Fiction Since World War II <sup>H</sup>	3
ENGL 225	 Shakespeare <sup>H</sup>	3	ENGL 358	 Contemporary US Poetry	3
ENGL 226	 Renaissance Drama <sup>H</sup>	3	ENGL 360	 Contemporary Asian American Literature and Theory	3
ENGL 227	 Literature of the Earlier Renaissance <sup>H</sup>	3	ENGL 361	 Asian American Women's Writing	3
ENGL 230	 Milton <sup>H</sup>	3	ENGL 362	 Asian American Literature and History <sup>H</sup>	3
ENGL 233	 Contemporary Approaches to 18th-Century Literature and Culture <sup>H</sup>	3	ENGL 363	 Feminist Literary Theory <sup>H</sup>	3
ENGL 234	 The British Novel from 1870 to World War II <sup>H</sup>	3	ENGL 367	 African American Literature to 1930 <sup>H</sup>	3
ENGL 235	 Studies in Jane Austen	3	ENGL 369	 African American Literature, 1970 to the Present <sup>H</sup>	3
ENGL 236	 18th-Century Fiction <sup>H</sup>	3	ENGL 370	 Race, Health, and Narrative <sup>H</sup>	3
ENGL 238	 19th-Century British Novel <sup>H</sup>	3	ENGL 371	 The Place of Asian Americans in Southern Literature <sup>H</sup>	3
ENGL 241	 Studies in Oscar Wilde	3	ENGL 373	 Southern American Literature <sup>H</sup>	3
ENGL 242	 Victorian Literature—Contemporary Issues	3	ENGL 374	 Southern Women Writers	3
ENGL 249	 Romantic Literature—Contemporary Issues <sup>H</sup>	3	ENGL 377	 Introduction to the Celtic Cultures	3
ENGL 253	 Space and Place in Literature/Film <sup>H</sup>	3	ENGL 378	 Film Criticism	3
ENGL 255	 Introduction to Media Studies	3	ENGL 380	 Topics In Film History <sup>H</sup>	3
ENGL 261	 An Introduction to Literary Criticism <sup>H</sup>	3	ENGL 381	 Literature and Cinema	3
ENGL 264	 Healing in Ethnography and Literature	3	ENGL 382	 Literature and Media <sup>H</sup>	3
ENGL 265	 Literature and Race, Literature and Ethnicity <sup>H</sup>	3	ENGL 385	 Literature and Law	3
ENGL 266	 Science and Literature <sup>H</sup>	3	ENGL 386	 Gender, Sexuality, and the South Asian Diaspora	3
ENGL 267	 Growing Up Latina/o	3	ENGL 388	 Modernism: Movements and Moments	3
ENGL 268	 Medicine, Literature, and Culture <sup>H</sup>	3	ENGL 389	 Major Film Directors	3
ENGL 270	 Studies in Asian American Literature	3	ENGL 390	 Studies in Literary Topics <sup>H</sup>	3
ENGL 271	 Mixed-Race America: Race in Contemporary American Literature and Culture	3	ENGL 399	 Cinema and the Museum	3
ENGL 274	 Drama: PlayMakers Current Season	3	ENGL 410	 Documentary Film <sup>H</sup>	3
ENGL 278	 Irish Writing, 1800-2000	3	ENGL 425	 Literature, Archives, and Original Research	3
ENGL 282	 Travel Literature <sup>H</sup>	3	ENGL 430	 Renaissance Literature—Contemporary Issues	3
ENGL 283	 Life Writing <sup>H</sup>	3	ENGL 437	 Chief British Romantic Writers <sup>H</sup>	3
ENGL 284	 Reading Children's Literature <sup>H</sup>	3	ENGL 444	 American Literature, 1860-1900—Contemporary Issues <sup>H</sup>	3
ENGL 288	 Literary Modernism	3	ENGL 445	 American Literature, 1900-2000—Contemporary Issues <sup>H</sup>	3
ENGL 291	 Picture Books <sup>H</sup>	3	ENGL 446	 American Women Authors <sup>H</sup>	3
ENGL 292	 Youth in Culture	3	ENGL 447	 Memory and Literature	3
ENGL 301	 Professional Writing in the Arts	3	ENGL 466	 Literary Theory—Contemporary Issues <sup>H</sup>	3
ENGL 310	 Fairy Tales	3	ENGL 467	 Educating Latinas/os: Preparing SLI Mentors	3
ENGL 323	 American Cinema of the 1970s: New Hollywood and Beyond	3			
ENGL 325	 Shakespeare and His Contemporaries <sup>H</sup>	3			

ENGL 472	 African American Literature--Contemporary Issues <sup>H</sup>	3	FREN 288	 Francophone Caribbean Literature in Translation	3
ENGL 487	 Everyday Stories: Personal Narrative and Legend	3	FREN 312	 French University Methodology through Literature	3
ENGL 494	 Research Methods in Film Studies	3	FREN 315	 Imposteur!: Faking and False Identities in French and Francophone Drama and Film	3
ENGL 610	 Practicum in Health Humanities	3	FREN 370	 French and Francophone Studies to 1789	3
ENGL 611	 Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3	FREN 372	 French and Francophone Studies since 1789	3
ENGL 620	 Introduction to Old English Language and Literature	3	FREN 387	 Paris/Versailles: The Court and the City in the 17th Century	3
ENGL 630	 Shakespeare and His Contemporaries	3	FREN 436	 Currents in Caribbean Literature	3
ENGL 638	 19th-Century Women Writers	3	GERM 204	 Intermediate German II <sup>H</sup>	3
ENGL 659	 War in 20th-Century Literature <sup>H</sup>	3	GERM 247	 Music, Madness, and Genius: The Pathologies of German Musical Literature	3
ENGL 665	 Queer Latina/o Literature, Performance, and Visual Art	3	GERM 263	 European Exile Cinema	3
ENGL 666	 Queer Latina/o Photography and Literature	3	GERM 267	 Contemporary German and Austrian Cinema	3
ENGL 670	 Being and Race in African American Literature	3	GERM 272	 History of German Cinema	3
ENGL 680	 Film Theory	3	GERM 278	 Performance, Drama, Translation, Adaptation and Ethnographic Exchange	3
ENGL 681	 Topics in Contemporary Film and Media <sup>H</sup>	3	GERM 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3
ENGL 685	 Literature of the Americas	3	GERM 282	 Different than the Others: Stories of Queer German Liberation, 1864-2021	3
ENGL 687	 Queer LatinX Environmentalisms	3	GERM 303	 German Literature and Culture	3
EURO 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3	GERM 374	 German Theater: Words Speak as Loudly as Actions	3
FOLK 77	 First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme <sup>H</sup>	3	GERM 381	 Berlin: Mapping a (Post) Modern Metropolis	3
FOLK 202	 Everyday Cultures: Folklore in America	3	GERM 466	 Language Remains: German-Jewish Dialogues and Beyond	3
FOLK 310	 Fairy Tales	3	GSLI 50	 First-Year Seminar: Literary Fantasy and Historical Reality	3
FOLK 380	 Traditions in Transition: Jewish Folklore and Ethnography	3	GSLI 52	 First-Year Seminar: Nature and Death: Ecological Crises in German Literature and Film	3
FOLK 476	 Graffiti, Gods, and Gardens: Urban Folklore	3	GSLI 69	 First-Year Seminar: Laughing and Crying at the Movies: Film and Experience	3
FOLK 480	 Vernacular Traditions in African American Music	4	GSLI 75	 First-Year Seminar: The Book of Books: Literature and the Bible	3
FOLK 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3	GSLI 76	 First-Year Seminar: Uncharted Territory: Underworlds in Literature and the Visual Arts	3
FOLK 487	 Everyday Stories: Personal Narrative and Legend	3	GSLI 80	 Not Just Dogs: Animals in Russian Literature	3
FOLK 502	 Myths and Epics of the Ancient Near East <sup>H</sup>	3	GSLI 212	 "Game of Thrones" and the Worlds of the European Middle Ages	3
FREN 65	 First-Year Seminar: La mode: Fashion in French Culture	3	GSLI 259	 Ideology and Aesthetics: Marxism and Literature	3
FREN 186	 Food for Thought: Cultures of Cuisine in Modern France	3	GSLI 273	 Close Your Eyes and See a Film: The Documentary in Central Europe	3
FREN 204	 Intermediate French II in Context <sup>H</sup>	3	GSLI 274	 Representing the Holocaust: Mediating Trauma in Art and Theory	3
FREN 260	 Literature and the French-Speaking World <sup>H</sup>	3			
FREN 280	 French "Discoveries" of the Americas in Translation	3			

HIST 291	 Putting Literature and History in Dialogue <sup>H</sup>	3	KOR 346	 Body Politics in Modern Korean Literature <sup>H</sup>	3
HIST 302	 Movies Make History: Films as Primary Sources in Europe and America <sup>H</sup>	3	KOR 447	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3
HIST 320	 Art, History, and the Modern Museum	3	LING 230	 Constructed Languages: Theory and Typology	3
HIST 468	 Culture on the Move: Art, Empire, and Restitution since 1800	3	MUSC 51	 First-Year Seminar: The Interplay of Music and Physics	3
HIST 514	 Monuments and Memory	3	MUSC 121	 Fundamentals of Tonal Music I	3
HNUR 305	 Advanced Hindi-Urdu I	3	MUSC 132	 Tonal Theory II <sup>H</sup>	3
HNUR 306	 Advanced Hindi-Urdu II	3	MUSC 137	 Patterns in Music	3
HNUR 408	 South Asian Media and Film	3	MUSC 141	 Survey of Western Music History	3
ITAL 130	 Dante's Divine Comedy	3	MUSC 142	 Great Musical Works	3
ITAL 241	 The Renaissance Mind and Body	3	MUSC 143	 Introduction to Rock Music	3
ITAL 333	 Italian Film and Culture	3	MUSC 144	 Introduction to Country Music	3
ITAL 335	 Themes in Italian Film	3	MUSC 145	 Introduction to Jazz	3
ITAL 340	 Italian America	3	MUSC 146	 Introduction to World Musics	3
ITAL 372	 Poetry, Parchment, Polis	3	MUSC 148	 Introduction to Black Music	3
ITAL 374	 Italian Ecofiction in Global Perspective	3	MUSC 149	 Introduction to Music and Dance	3
ITAL 385	 Italian Landscapes: Italy in the UNESCO World Heritage List	3	MUSC 151	 Introduction to the American Stage Musical	3
ITAL 388	 Environmental Issues in Italian Literature and Film	3	MUSC 164	 Music of South Asia	3
ITAL 525	 Italo Calvino in English	3	MUSC 188	 Introduction to Women and Music	3
ITAL 571	 Primo Levi in English	3	MUSC 234	 World Musics in Theory and Practice	3
JAPN 160	 Introduction to Japanese Literature in Translation	3	MUSC 248	 Gender on the Musical Stage	3
JAPN 412	 Making Music in Japan	3	MUSC 270	 Critical Approaches to Music: Object Lessons	3
JAPN 414	 Manga as a Japanese Art and Culture	3	MUSC 271	 Critical Approaches to Music: Critical Moves	3
JAPN 417	 Japanese Culture through Film and Literature	3	MUSC 286	 Music as Culture <sup>H</sup>	3
JAPN 451	 Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3	MUSC 287	 Opera as Drama <sup>H</sup>	3
JAPN 521	 Investigating Japanese Culture through TV Dramas	3	MUSC 291	 Music and Politics	3
JWST 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3	MUSC 330	 Advanced Study in Music Theory	3
JWST 235	 Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3	PHIL 60	 First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature <sup>H</sup>	3
JWST 274	 Representing the Holocaust: Mediating Trauma in Art and Theory	3	PHIL 180	 Philosophy of Humor	3
JWST 380	 Traditions in Transition: Jewish Folklore and Ethnography	3	PHIL 185	 Aesthetics and the Philosophy of Art <sup>H</sup>	3
JWST 466	 Language Remains: German-Jewish Dialogues and Beyond	3	PHYS 51	 First-Year Seminar: The Interplay of Music and Physics	3
JWST 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3	PORT 310	 Advanced Communication in Portuguese: Media & Entertainment	3
JWST 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	PORT 316	 Brazilian Performance in Music and Dance: Capoeira	3
KOR 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3	PORT 370	 Modern Brazil through Literature and Film in Translation	3
			PORT 375	 Portuguese and Brazilian Fiction in Translation	3
			PORT 382	 Women Writers: Brazil and Beyond	3
			PORT 385	 Verbal Art, Identities, and Nation in Portuguese-Speaking Africa	3

PORT 387	 Brazilian Religious Movements through Film and Literature	3	RUSS 477	 Wicked Desire: Vladimir Nabokov, Lolita, on Page and Screen	3
PORT 388	 Portuguese, Brazilian, and African Identity in Film	3	RUSS 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
PORT 520	 Climate Change and the Cultural Imagination: Lusophone Interpretations	3	SLAV 277	 Songs of Liberty, Light, and Resilience: Ukrainian Literature Today	3
PWAD 161	 Literature of War from World War I to the 21st Century	3	SPAN 261	 Advanced Spanish in Context <sup>H</sup>	3
PWAD 235	 Israeli Cinema: Gender, Nation, and Ethnicity <sup>H</sup>	3	SPAN 267	 Advanced Spanish in Context for Heritage Learners	3
PWAD 435	 The Cinemas of the Middle East and North Africa	3	SPAN 301	 Introduction to Literary and Cultural Analysis <sup>H</sup>	3
PWAD 659	 War in 20th-Century Literature <sup>H</sup>	3	SPAN 302	 Literary and Cultural Analysis for Heritage Learners	3
RELI 78	 First-Year Seminar: Reading the Bible: Now and Then	3	SPAN 373	 Studies in Latin American Literature	3
RELI 87	 First-Year Seminar: Confessions	3	WGST 56	 First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
RELI 201	 Ancient Biblical Interpretation <sup>H</sup>	3	WGST 66	 First-Year Seminar: Growing Up Girl, Globally	3
RELI 208	 The Birth of Christianity	3	WGST 127	 Iranian Women Writers	3
RELI 209	 Varieties of Early Christianity <sup>H</sup>	3	WGST 140	 Introduction to Gay and Lesbian Culture and Literature	3
RELI 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3	WGST 188	 Introduction to Women and Music	3
RELI 217	 Gnosticism <sup>H</sup>	3	WGST 231	 Gender and Popular Culture	3
RELI 235	 Place, Space, and Religion	3	WGST 232	 Identity in Transit: Performing the Self through Photography	3
RELI 240	 Religion, Literature, and the Arts in America <sup>H</sup>	3	WGST 233	 Introduction to Latina Literature	3
RELI 289	 Muhammad and the Qur'an	3	WGST 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3
RELI 382	 The Story of Rama in Indian Culture--Experiential	3	WGST 240	 Women in Greek Art and Literature <sup>H</sup>	3
RELI 480	 Modern Muslim Literatures	3	WGST 248	 Gender on the Musical Stage	3
RELI 502	 Myths and Epics of the Ancient Near East <sup>H</sup>	3	WGST 345	 Gender and Film	3
RELI 515	 Cultural Histories of the New Testament	3	WGST 361	 Asian American Women's Writing	3
RELI 527	 Religious Metaphor and Symbol	3	WGST 363	 Feminist Literary Theory <sup>H</sup>	3
RELI 584	 The Qur'an as Literature	3	WGST 373	 Modern Women Writers	3
RELI 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	WGST 374	 Southern Women Writers	3
RELI 614	 The Cult of Saints: Narratives, Materialities, Practices	3	WGST 380	 Almost Despicable Heroines in Japanese and Western Literature	3
RUSS 270	 Crimes and Punishments: Russian Literature of the 19th Century	3	WGST 446	 American Women Authors <sup>H</sup>	3
RUSS 276	 Mystery and Suspense in Russian Literature	3	WGST 465	 Gender, (Im)migration, and Labor in Latina Literature	3
RUSS 279	 Sunstrokes in Dark Alleys: Russian Short Stories	3	WGST 480	 Queering China	3
RUSS 280	 Russian Villains, Western Screens: Ethno-Cultural Stereotypes on Page and Stage, in Movies and Minds	3	WGST 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
RUSS 415	 Introduction to Russian Literature	3	WGST 561	 Performance of Women of Color <sup>H</sup>	3
RUSS 445	 19th Century Russian Literature and Culture	3	WGST 665	 Queer Latina/o Literature, Performance, and Visual Art	3
RUSS 464	 Dostoevsky	3	WGST 666	 Queer Latina/o Photography and Literature	3
RUSS 465	 Chekhov	3			































































H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.



























## Creative Expression, Practice, and Production

Creative Expression, Practice, and Production (FC-CREATE) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 1164).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Code	Title	Hours
<b>Approved Courses</b>		
AAAD 261	 Afro-Cuban Dance: History, Theory, and Practice	3
AMST 65	 First-Year Seminar: North Carolina Black Feminisms	3
AMST 75	 First-Year Seminar: Food and the Media	3
AMST 325	 Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3
AMST 460	 Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment <sup>H</sup>	3
APPL 110	 Introduction to Design and Making: Developing Your Personal Design Potential	3
APPL 412	 Turning Your Entrepreneurial Ideas Into Reality	3
ARTS 50	 First-Year Seminar: The Artistic Temperament <sup>H</sup>	3
ARTS 59	 First-Year Seminar: Time, A Doorway to Visual Expression	3
ARTS 82	 First-Year Seminar: Please Save This: Exploring Personal Histories through Visual Language	3
ARTS 103	 Sculpture I	3
ARTS 104	 Drawing I	3
ARTS 105	 Photography I <sup>H</sup>	3
ARTS 106	 Video I	3
ARTS 115	 Darkroom Photography I	3
ARTS 132	 Collage: Strategies for Thinking and Making	3
ARTS 202	 Painting I	3
ARTS 206	 Video II	3
ARTS 208	 Print I	3
ARTS 209	 2D Animation	3
ARTS 214	 Life Drawing	3
ARTS 215	 Darkroom Photography II	3
ARTS 233	 Wood Sculpture	3
ARTS 243	 Metal Sculpture	3
ARTS 274	 Landscapes of the Camino	3
ARTS 309	 3D Animation	3
ARTS 322	 Narrative Painting	3
ARTS 343	 MAKE: Art in the (New) Age	3
ARTS 353	 Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 355	 The Practice of Representation: Portraiture in Photography	3
ARTS 363	 At the Radical Edge of Life: Art, Space, and Ecology	3
ARTS 409	 Art and Science: Merging Printmaking and Biology <sup>H</sup>	3
ARTS 410	 Public Art	3
ARTS 657	 Movie Making Machines: Learning About Cinema in the Maker Space	3
ASIA 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ASTR 110	 Astrophotography of the Multi-Wavelength Universe	3
ASTR 502	 Modern Research in Astrophysics	3
BMME 697	 BME Senior Design: Product Development	3
CHIN 242	 Chinese Qin Music	3
CLAS 59	 First-Year Seminar: Ancient Magic and Religion	3
COMM 61	 First-Year Seminar: The Politics of Performance	3
COMM 84	 First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution	3
COMM 130	 Introduction to Media Production	3
COMM 150	 Introduction to New Media	3
COMM 263	 Performing Literature <sup>H</sup>	3
COMM 337	 Visual Storytelling for Screenwriters	3
COMM 431	 Advanced Audio Production	3
COMM 466	 Advanced Study in Performing Literature	3
COMM 534	 Aesthetic and Technical Considerations in Making Short Videos	3
COMM 622	 Environmental Filmmaking: Creative Production and Social Impact	3
COMM 635	 Documentary Production	3
COMM 638	 Game Design	3
COMM 640	 Game Studio	3
COMM 647	 Advanced Projects in Media Production	3
COMM 653	 Experimental Video	3
COMM 654	 Motion Graphics, Special Effects, and Compositing	3
COMM 656	 Sound for Film and Video: Theory and Practice for Motion Picture Sound Design	3
COMM 657	 Movie Making Machines: Learning About Cinema in the Maker Space	3
COMP 126	 Practical Web Design and Development for Everyone	3
COMP 523	 Software Engineering Laboratory	4

COMP 585	 Serious Games <sup>H</sup>	3	ENGL 341	 Tabletop Games: Narrative, History, and Design	3
DRAM 79	 First-Year Seminar: The Heart of the Play: Fundamentals of Acting, Playwriting, and Collaboration	3	ENGL 351	 From Manuscript to Press: Writer as Publisher	3
DRAM 83	 First-Year Seminar: Spectacle in the Theatre	3	ENGL 384	 Podcasting	3
DRAM 135	 Acting for Nonmajors	3	ENGL 404	 Advanced Creative Nonfiction	3
DRAM 150	 Beginning Acting for the Major	3	ENGL 406	 Advanced Fiction Writing	3
DRAM 191	 Technical Methods: Scenery	3	ENGL 407	 Advanced Poetry Writing	3
DRAM 245	 Acting for the Camera	3	ENGL 408	 Collaboration: Composers and Lyricists	3
DRAM 260	 Advanced Stagecraft	3	ENGL 409	 Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing	3
DRAM 265	 Stage Makeup	3	ENGL 676	 Digital Editing and Curation	3
DRAM 277	 Introduction to Theatrical Design	3	FOLK 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3
DRAM 300	 Directing	3	FREN 310	 Conversation and Composition II	3
DRAM 465	 Sound Design	3	FREN 315	 Imposteur!: Faking and False Identities in French and Francophone Drama and Film	3
DRAM 466	 Scene Design	3	GEOG 63	 First-Year Seminar: The Problem with Nature and Its Preservation <sup>H</sup>	3
DRAM 467	 Costume Design I	3	GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
DRAM 468	 Lighting Design I	3	GERM 374	 German Theater: Words Speak as Loudly as Actions	3
ECON 125	 Introduction to Entrepreneurship <sup>H</sup>	3	GSLI 273	 Close Your Eyes and See a Film: The Documentary in Central Europe	3
EDUC 567	 Children's Literature in Elementary and Middle Schools	3	HNUR 408	 South Asian Media and Film	3
EDUC 571	 The Maker Movement and Education	3	ITAL 204	 Intermediate Italian II	3
EDUC 572	 Psychology of Creativity	3	ITAL 300	 Communicating in Italian: Media, Culture, and Society	3
ENGL 69	 First-Year Seminar: Entrepreneurial on the Web	3	ITAL 310	 Italian Conversation	3
ENGL 130	 Introduction to Fiction Writing	3	ITAL 333	 Italian Film and Culture	3
ENGL 131	 Introduction to Poetry Writing	3	JWST 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3
ENGL 132H	 First-Year Honors: Introduction to Fiction Writing	3	LING 230	 Constructed Languages: Theory and Typology	3
ENGL 133H	 First-Year Honors: Introduction to Poetry Writing	3	MEJO 121	 Introduction to Digital Storytelling	3
ENGL 136	 The Publishing Industry: Editing, Design, and Production	3	MEJO 129	 Sports Xtra	3
ENGL 138	 Introduction to Creative Nonfiction	3	MEJO 252	 Audio Journalism	3
ENGL 149	 Digital Composition	3	MUSC 251	 Studies in Medieval and Early Modern Music	3
ENGL 206	 Intermediate Fiction Writing	3	MUSC 266	 Composition	3
ENGL 207	 Intermediate Poetry Writing	3	MUSC 300	 Advanced Keyboard Lessons and Recital	3
ENGL 208	 Reading and Writing Creative Nonfiction	3	MUSC 302	 Advanced Voice Lessons and Recital <sup>H</sup>	3
ENGL 210	 Writing Young Adult Literature	3	MUSC 303	 Advanced String Lessons and Recital <sup>H</sup>	3
ENGL 211	 Writing Political Fiction	3	MUSC 305	 Advanced Brass Lessons and Recital <sup>H</sup>	3
ENGL 283	 Life Writing <sup>H</sup>	3	MUSC 306	 Advanced Percussion Lessons and Recital <sup>H</sup>	3
ENGL 306	 Playwriting	3	MUSC 307	 Advanced Composition/Recital	3
ENGL 307	 Studies in Fiction and Poetry: Stylistics	3	NAVS 411	 Amphibious Warfare	3
ENGL 308	 Gram-O-Rama: Grammar in Performance	4	NSCI 405	 Advanced Molecular Neuropharmacology	3
ENGL 318	 Multimedia Composition <sup>H</sup>	3			
ENGL 324	 Creating the Video Essay	3			
















































PHYS 100	 How Things Work	4	AAAD 286	 The African Diaspora in the Colonial Americas, 1450-1800	3
PHYS 231	 Physical Computing <sup>H</sup>	4	AAAD 298	 Blacks in British North America to 1833	3
PORT 316	 Brazilian Performance in Music and Dance: Capoeira	3	AAAD 302	 West African History, Politics, and Culture	3
PSYC 518H	 Creating Digital Tools for Positive Youth Development	3	AAAD 332	 Remembering Race and Slavery	3
PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3	AAAD 350	 The Harlem Renaissance	3
RELI 236	 Religious Things	3	AAAD 430	 African American Intellectual History	3
SPAN 394	 Creative Writing in Spanish	3	AAAD 466	 Race and Gender in the Atlantic World	3
WGST 68	 First-Year Seminar: Assumed Identities: Performance in Photography	3	AAAD 491	 Class, Race, and Inequality in America	3
WGST 211	 Introduction to Latina Feminisms: Literature, Theory, and Activism	3	AMST 60	 First-Year Seminar: American Indians in History, Law, and Literature	3
WGST 230	 Women in Contemporary Art: A Field Study	3	AMST 101	 This Place Called "America"	3
WGST 232	 Identity in Transit: Performing the Self through Photography	3	AMST 102	 Myth and History in American Memory	3
WGST 325	 Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3	AMST 110	 Introduction to the Cultures and Histories of Native North America	3
WGST 350	 Spitting in the Wind: "American" Women, Art, and Activism	3	AMST 175	 Introduction to Food Studies: From Science to Society	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Engagement with the Human Past

Engagement with the Human Past (FC-PAST) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 1164).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Code	Title	Hours
<b>Approved Courses</b>		
AAAD 51	 First-Year Seminar: Masquerades of Blackness	3
AAAD 130	 Introduction to African American and Diaspora Studies	3
AAAD 231	 African American History since 1865	3
AAAD 232	 Black Women in America	3
AAAD 240	 African American Politics	3
AAAD 250	 The African American in Motion Pictures: 1900 to the Present	3
AAAD 252	 African Americans in the West	3
AAAD 254	 African Americans in North Carolina	3
AAAD 257	 Black Nationalism in the United States	3
AAAD 258	 The Civil Rights Movement	3
AAAD 259	 Black Influences on Popular Culture	3
AAAD 286	 The African Diaspora in the Colonial Americas, 1450-1800	3
AAAD 298	 Blacks in British North America to 1833	3
AAAD 302	 West African History, Politics, and Culture	3
AAAD 332	 Remembering Race and Slavery	3
AAAD 350	 The Harlem Renaissance	3
AAAD 430	 African American Intellectual History	3
AAAD 466	 Race and Gender in the Atlantic World	3
AAAD 491	 Class, Race, and Inequality in America	3
AMST 60	 First-Year Seminar: American Indians in History, Law, and Literature	3
AMST 101	 This Place Called "America"	3
AMST 102	 Myth and History in American Memory	3
AMST 110	 Introduction to the Cultures and Histories of Native North America	3
AMST 175	 Introduction to Food Studies: From Science to Society	3
AMST 202	 Historical Approaches to American Studies	3
AMST 210	 This Place Called "The South"	3
AMST 231	 Native American History: The East	3
AMST 234	 Native American Tribal Studies <sup>H</sup>	3
AMST 235	 Native America in the 20th Century	3
AMST 253	 A Social History of Jewish Women in America	3
AMST 258	 Captivity and American Cultural Definition	3
AMST 259	 Tobacco and America	3
AMST 269	 Mating and Marriage in America	3
AMST 278	 Crimes and Punishments	3
AMST 337	 American Indian Activism since 1887: Beyond Red Power	3
AMST 339	 The Long 1960s in Native America	3
AMST 352	 The Asian American Experience	3
AMST 392	 Radical Communities in Twentieth Century American Religious History	3
AMST 486	 The Jewish South: Race, Region, and Religion	3
ANTH 121	 Ancient Cities of the Americas	3
ANTH 123	 Habitat and Humanity	3
ANTH 145	 Introduction to World Prehistory	3
ANTH 149	 Great Discoveries in Archaeology	3
ANTH 151	 Anthropological Perspectives on Food and Culture	3
ANTH 175	 Introduction to Food Studies: From Science to Society	3
ANTH 222	 Prehistoric Art	3
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America	3



ANTH 232	 Ancestral Maya Civilizations <sup>H</sup>	3	ARTH 401	 Seen, Unseen, and Suggested: Representation and Hollywood Film Censorship	3
ANTH 233	 Archaeology of Ancient Turkey	3	ARTH 457	 Studies in the History of Graphic Art	3
ANTH 234	 Native American Tribal Studies <sup>H</sup>	3	ARTH 465	 Roman Architecture	3
ANTH 250	 Archaeology of North America <sup>H</sup>	3	ARTH 469	 Art of the Aztec Empire	3
ANTH 252	 Archaeology of Food	3	ARTH 473	 Early Modern and Modern Decorative Arts	3
ANTH 349	 Violent Pasts	3	ARTH 474	 Roman Sculpture	3
ANTH 411	 Laboratory Methods in Archaeology <sup>H</sup>	3	ARTH 476	 Roman Painting	3
ANTH 413	 Laboratory Methods: Archaeobotany	3	ARTH 484	 Culture on the Move: Art, Empire, and Restitution since 1800	3
ANTH 414	 Laboratory Methods: Human Osteology	3	ARTH 485	 Art of the Harlem Renaissance	3
ANTH 415	 Laboratory Methods: Zooarchaeology	3	ARTH 514	 Monuments and Memory	3
ANTH 416	 Bioarchaeology	3	ARTH 557	 Art and Money	3
ANTH 418	 Laboratory Methods: Ceramic Analysis	3	ARTH 592	 History and Theory of Museums	3
ANTH 451	 Field School in North American Archaeology <sup>H</sup>	6	ARTS 274	 Landscapes of the Camino	3
ANTH 535	 The Archaeology of Health and Well-Being	3	ASIA 63	 First-Year Seminar: Japanese Tea Culture	3
ANTH 550	 Archaeology of the American South	3	ASIA 65	 First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3
ANTH 674	 Issues in Cultural Heritage	3	ASIA 132	 Modern Southeast Asia	3
ARTH 54	 First-Year Seminar: Art, War, and Revolution <sup>H</sup>	3	ASIA 133	 Introduction to Chinese History	3
ARTH 55	 First-Year Seminar: Art, Gender, and Power in Early Modern Europe <sup>H</sup>	3	ASIA 135	 History of the Indian Subcontinent to 1750	3
ARTH 113	 Art and Sports in the Americas	3	ASIA 139	 History of Muslim Societies since 1500	3
ARTH 151	 History of Western Art I <sup>H</sup>	3	ASIA 152	 Survey of South Asian Cultural History	3
ARTH 152	 Art in Life: An Introduction to Western Art from the Renaissance to the Modern Period <sup>H</sup>	3	ASIA 180	 Introduction to Islamic Civilization	3
ARTH 160	 Introduction to the Art and Architecture of Pre-Hispanic Mesoamerica <sup>H</sup>	3	ASIA 181	 Modern Muslim Societies	3
ARTH 161	 Introduction to American Art	3	ASIA 211	 The Silk Road: Markets, Metaphysics, and Music	3
ARTH 210	 The Visual Culture of News, Past and Present	3	ASIA 233	 Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
ARTH 242	 Egyptian Art and Archaeology	3	ASIA 262	 Nation, Film, and Novel in Modern India	3
ARTH 244	 Greek Art and Archaeology	3	ASIA 276	 The Modern Middle East	3
ARTH 247	 Roman Art and Archaeology	3	ASIA 277	 The Conflict over Israel/Palestine	3
ARTH 267	 Latin American Modernisms	3	ASIA 282	 China in the World	3
ARTH 268	 Hellenistic Art and Archaeology (350-31 BCE)	3	ASIA 283	 Chairman Mao's China in World History	3
ARTH 275	 18th-Century Art	3	ASIA 284	 The Buddhist Tradition: East Asia	3
ARTH 279	 The Arts in England, 1450-1650 <sup>H</sup>	3	ASIA 301	 Premodern Japanese Religions	3
ARTH 281	 Art of Exchange and Exploration: Early America and the Globe	3	ASIA 303	 Chinese Religions	3
ARTH 283	 Picturing Paris: 1800-2000	3	ASIA 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
ARTH 310	 From Charlemagne to Bauhaus: German Art and Architecture from the Middle Ages to Modern Time	3	ASIA 350	 The Asian American Experience	3
ARTH 330	 Art, History, and the Modern Museum	3	ASIA 488	 Shinto in Japanese History	3
ARTH 368	 The Renaissance Portrait	3	ASIA 581	 Sufism	3
ARTH 370	 Visual Art in the Age of Revolution	3	ASIA 582	 Islam and Islamic Art in South Asia	3
ARTH 380	 Life and Art in Ancient Pompeii	3	ASIA 583	 Religion and Culture in Iran, 1500-Present	3
ARTH 383	 Modern Architecture	3			

ASIA 584	 The Qur'an as Literature	3	CMPL 223	 Global Authors: Cervantes	3
ASTR 105	 Time, Tides, and the Measurement of the Cosmos <sup>H</sup>	3	CMPL 225	 Global Authors: The Worlds of Shakespeare	3
ASTR 205	 The Medieval Foundations of Modern Cosmology	3	CMPL 227	 Global Authors: The Middle Ages in World Cinema	3
CHIN 150	 Introduction to Chinese Civilization	3	CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	3
CHIN 252	 Introduction to Chinese Culture through Narrative	3	CMPL 453	 The Erotic Middle Ages	3
CHIN 346	 History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3	CMPL 460	 Transnational Romanticism: Romantic Movements in Europe and the Americas	3
CHIN 361	 Chinese Traditional Theater	3	CMPL 473	 Drama, Pageantry, and Spectacle in Medieval Europe	3
CHIN 367	 Illustration and the Animation of Text	3	CMPL 558	 The Lives and Times of Medieval Corpses	3
CLAR 110	 The Archaeology of Palestine in the New Testament Period	3	CMPL 622	 Medieval Cosmopolitanisms	3
CLAR 120	 Ancient Mediterranean, Egyptian, and Near Eastern Archaeology <sup>H</sup>	3	COMM 430	 History of American Screenwriting	3
CLAR 242	 Egyptian Art and Archaeology	3	DRAM 281	 Theatre History and Literature I	3
CLAR 243	 Minoans and Mycenaeans: The Archaeology of Bronze Age Greece	3	DRAM 282	 Theatre History and Literature II	3
CLAR 244	 Greek Art and Archaeology	3	EDUC 529	 Education in American Society	3
CLAR 247	 Roman Art and Archaeology	3	EDUC 570	 History of American Higher Education	3
CLAR 268	 Hellenistic Art and Archaeology (350-31 BCE)	3	ENGL 115	 History of the English Language	3
CLAR 380	 Life and Art in Ancient Pompeii	3	ENGL 116	 History of Writing: From Pen to Pixel	3
CLAR 465	 Roman Architecture	3	ENGL 120	 British Literature, Medieval to 18th Century <sup>H</sup>	3
CLAR 474	 Roman Sculpture	3	ENGL 153	 Sex, Gender, and Sexuality in the Premodern World	3
CLAR 476	 Roman Painting	3	ENGL 223	 Chaucer <sup>H</sup>	3
CLAR 480	 Egypt after the Pharaohs	3	ENGL 224	 Survey of Medieval English Literature, excluding Chaucer <sup>H</sup>	3
CLAR 492	 Archaeology of Greek Sanctuaries	3	ENGL 225	 Shakespeare <sup>H</sup>	3
CLAR 512	 Ancient Synagogues	3	ENGL 226	 Renaissance Drama <sup>H</sup>	3
CLAS 61	 First-Year Seminar: Writing the Past <sup>H</sup>	3	ENGL 227	 Literature of the Earlier Renaissance <sup>H</sup>	3
CLAS 121	 The Greeks <sup>H</sup>	3	ENGL 238	 19th-Century British Novel <sup>H</sup>	3
CLAS 122	 The Romans <sup>H</sup>	3	ENGL 242	 Victorian Literature—Contemporary Issues	3
CLAS 241	 Women in Ancient Rome <sup>H</sup>	3	ENGL 331	 18th-Century Literature <sup>H</sup>	3
CLAS 257	 Augustus and Rome <sup>H</sup>	3	ENGL 337	 The Romantic Revolution in the Arts <sup>H</sup>	3
CLAS 263	 Athletics in the Greek and Roman Worlds <sup>H</sup>	3	ENGL 443	 American Literature before 1860—Contemporary Issues <sup>H</sup>	3
CLAS 365	 The Lives of Others from Herodotus to Tacitus	3	ENGL 620	 Introduction to Old English Language and Literature	3
CLAS 409	 Greek and Roman Historians <sup>H</sup>	3	EURO 159	 From War to Prosperity: 20th-Century Europe	3
CLAS 415	 Roman Law <sup>H</sup>	3	EURO 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3
CMPL 120	 Great Books I: Epic and Lyric Traditions	3	EURO 257	 Politics, Society, and Culture in Postwar Germany	3
CMPL 122	 Great Books I: Visual Arts and Literature from Antiquity to 1750 <sup>H</sup>	3	EURO 259	 Towards Emancipation? Women in Modern Europe	3
CMPL 123	 Great Books I: Politics and Literature from Antiquity to 1750	3	EURO 270	 Religion in Western Europe <sup>H</sup>	3
CMPL 124	 Great Books I: Science and Literature from Antiquity to 1750	3	FOLK 502	 Myths and Epics of the Ancient Near East <sup>H</sup>	3
CMPL 220	 Global Authors: Jane Austen <sup>H</sup>	3			

FREN 80	 First-Year Seminar: Déjà vu. Medicine and Narration across Time and Space	3	HIST 120	 Sport and American History	3
FREN 356	 Littérature et philosophie	3	HIST 121	 History of Religion in North America	3
FREN 370	 French and Francophone Studies to 1789	3	HIST 125	 The Social History of Popular Music in 20th-Century America	3
FREN 387	 Paris/Versailles: The Court and the City in the 17th Century	3	HIST 127	 American History to 1865	3
GEOG 64	 First-Year Seminar: Vietnam	3	HIST 128	 American History since 1865	3
GEOG 232	 Agriculture, Food, and Society	3	HIST 130	 Modern African History	3
GEOG 266	 Society and Environment in Southeast Asia	3	HIST 132	 Modern Southeast Asia	3
GERM 227	 Luther and the Bible	3	HIST 133	 Introduction to Chinese History	3
GERM 247	 Music, Madness, and Genius: The Pathologies of German Musical Literature	3	HIST 135	 History of the Indian Subcontinent to 1750	3
GERM 265	 Hitler in Hollywood: Cinematic Representations of Nazi Germany	3	HIST 137	 Muhammad to Malcolm X: Islam, Politics, Race, and Gender	3
GERM 303	 German Literature and Culture	3	HIST 139	 History of Muslim Societies since 1500	3
GERM 370	 German Intellectual History	3	HIST 140	 The World since 1945	3
GERM 381	 Berlin: Mapping a (Post) Modern Metropolis	3	HIST 142	 Latin America under Colonial Rule	3
GSLI 50	 First-Year Seminar: Literary Fantasy and Historical Reality	3	HIST 143	 Latin America since Independence	3
GSLI 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3	HIST 144	 Women in the United States from Settlement to Present	3
GSLI 75	 First-Year Seminar: The Book of Books: Literature and the Bible	3	HIST 145	 Latin American Indigenous Peoples	3
GSLI 76	 First-Year Seminar: Uncharted Territory: Underworlds in Literature and the Visual Arts	3	HIST 151	 European History to 1650	3
GSLI 80	 Not Just Dogs: Animals in Russian Literature	3	HIST 153	 From the Bible to Broadway: Jewish History to Modern Times	3
GSLI 212	 "Game of Thrones" and the Worlds of the European Middle Ages	3	HIST 158	 Early Modern European History, 1450-1815	3
GSLI 225	 Popular and Pious: Early Modern Jewish Literature	3	HIST 159	 From War to Prosperity: 20th-Century Europe	3
GSLI 274	 Representing the Holocaust: Mediating Trauma in Art and Theory	3	HIST 161	 Russia Becomes an Empire	3
HIST 51	 First-Year Seminar: Latin American Revolutions	3	HIST 162	 Russia under the Last Tsars and Soviet Commissars	3
HIST 53	 First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3	HIST 163	 Modern Central Asia <sup>H</sup>	3
HIST 72	 First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3	HIST 164	 Victorian Britain: From Slavery to South African War	3
HIST 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3	HIST 165	 20th Century Britain: from the Great War to Brexit	3
HIST 80	 First-Year Seminar: African American Music as History	3	HIST 180	 Genocide in Global Perspective	3
HIST 101	 A History of Lies, Conspiracies, and Misinformation	3	HIST 189	 The Global World Order from World War II to the Present <sup>H</sup>	3
HIST 106	 Ancient History	3	HIST 203	 Empires and Cultures in the Modern World	3
HIST 107	 Medieval History	3	HIST 205	 War, Diplomacy, and Statecraft, 1618-1815	3
HIST 108	 Introduction to Early Medieval History 500-1050	3	HIST 206	 War, Diplomacy, and Statecraft, 1815-1945	3
HIST 110	 Introduction to the Cultures and Histories of Native North America	3	HIST 220	 The Olympic Games: A Global History <sup>H</sup>	3
			HIST 225	 History of Greece	3
			HIST 228	 Medieval Science	3
			HIST 229	 The History of London 43 - 1666 <sup>H</sup>	3
			HIST 230	 Why History Matters to Public Policy	3
			HIST 231	 Native American History: The East	3
			HIST 234	 Native American Tribal Studies <sup>H</sup>	3

HIST 235	 Native America in the 20th Century	3	HIST 289	 America in the 1970s	3
HIST 236	 Sex and American History	3	HIST 291	 Putting Literature and History in Dialogue <sup>H</sup>	3
HIST 237	 Colonial American History to 1763	3	HIST 302	 Movies Make History: Films as Primary Sources in Europe and America <sup>H</sup>	3
HIST 238	 The American Revolution, 1763-1815	3	HIST 305	 Elizabeth I and her World: Gender, Power, and the Beginnings of the Global	3
HIST 240	 Introduction to Mexico: A Nation in Four Revolutions	3	HIST 306	 Princes and Reformations in Germany, 1400-1600	3
HIST 242	 United States-Latin American Relations	3	HIST 307	 War and Enlightenment in Germany, 1600-1815	3
HIST 243	 The United States and Africa <sup>H</sup>	3	HIST 312	 History of France and Algeria	3
HIST 244	 History of the American Presidency	3	HIST 313	 Women and the Law in Africa and the Middle East	3
HIST 245	 The United States and the Cold War: Origins, Development, Legacy	3	HIST 315	 Nation-Building in Latin America <sup>H</sup>	3
HIST 246	 The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3	HIST 320	 Art, History, and the Modern Museum	3
HIST 247	 Early Modern Japanese History and Culture	3	HIST 335	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
HIST 249	 Modern Global Christianity	3	HIST 340	 Ethics and Business in Africa <sup>H</sup>	3
HIST 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3	HIST 360	 Ideas in Modern America <sup>H</sup>	3
HIST 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3	HIST 362	 Baseball and American History	3
HIST 254	 War and Society in Early Modern Europe	3	HIST 364	 History of American Business	3
HIST 255	 Manor to Machine: The Economic Shaping of Europe	3	HIST 372	 History of American Politics, 1932-Present <sup>H</sup>	3
HIST 256	 France, 1940 to the Present <sup>H</sup>	3	HIST 377	 History of African Americans, 1865 to Present <sup>H</sup>	3
HIST 257	 Politics, Society, and Culture in Postwar Germany	3	HIST 384	 America in the Sixties <sup>H</sup>	3
HIST 259	 Towards Emancipation? Women in Modern Europe	3	HIST 385	 African American Women's History	3
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era <sup>H</sup>	3	HIST 434	 Medieval England	3
HIST 262	 History of the Holocaust: The Destruction of the European Jews	3	HIST 437	 Aristocratic Culture in the Central Middle Ages	3
HIST 263	 Gender and Religion in Premodern Europe <sup>H</sup>	3	HIST 438	 Medieval Masculinities, 500-1200 <sup>H</sup>	3
HIST 266	 Global History of Warfare	3	HIST 443	 Settler Colonialism in Global Perspective	3
HIST 271	 Ancient and Medieval Japanese History and Culture	3	HIST 445	 Humanitarianism in Historical Perspective	3
HIST 273	 Water, Conflict, and Connection in the Middle East	3	HIST 456	 The Holocaust, Genocide and Historical Methodology	3
HIST 274	 History of the Ottoman Empire, 1300-1923	3	HIST 457	 Liberalism, Socialism, and Fascism in Europe	3
HIST 276	 The Modern Middle East	3	HIST 468	 Culture on the Move: Art, Empire, and Restitution since 1800	3
HIST 277	 The Conflict over Israel/Palestine	3	HIST 480	 Russia's 19th Century: Cultural Splendor, Imperial Decay	3
HIST 278	 The Trans-Atlantic Slave Trade <sup>H</sup>	3	HIST 488	 Global Intellectual History <sup>H</sup>	3
HIST 279	 Modern South Africa <sup>H</sup>	3	HIST 489	 The History of the 2008 Financial Crisis <sup>H</sup>	3
HIST 280	 Women and Gender in Latin American History	3	HIST 514	 Monuments and Memory	3
HIST 282	 China in the World	3	HIST 580	 International Relations and Public History	3
HIST 283	 Chairman Mao's China in World History	3	HIST 585	 Race, Basketball, and the American Dream	3
HIST 285	 20th-Century China	3	ITAL 51	 First-Year Seminar: Contagion and Culture: Lessons from Italy	3
			ITAL 130	 Dante's Divine Comedy	3
			ITAL 241	 The Renaissance Mind and Body	3

ITAL 343	 Italian Culture Today: Modern Italy as a Nation 1860 to Present	3	MUSC 255	 Studies in Music History II, 1750 to the Present	3
ITAL 359	 Medieval Frauds: Fake News, Counterfeits, and Forgeries	3	NAVS 311	 Evolution of Warfare	3
ITAL 365	 Italian Food and Culture	3	NUTR 175	 Introduction to Food Studies: From Science to Society	3
ITAL 372	 Poetry, Parchment, Polis	3	PHIL 51	 First-Year Seminar: Who Was Socrates?	3
JAPN 231	 Ancient and Medieval Japanese History and Culture	3	PHIL 60	 First-Year Seminar: Plato's Symposium and Its Influence on Western Art and Literature <sup>H</sup>	3
JAPN 246	 Early Modern Japanese History and Culture	3	PHIL 110	 Philosophical Texts that Changed the World: An Introduction to Philosophy through Great Works <sup>H</sup>	3
JAPN 277	 Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3	PHIL 210	 Wonder, Myth, and Reason: Introduction to Ancient Greek Science and Philosophy <sup>H</sup>	3
JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945	3	PHIL 211	 Perspectives on Gender, Race, and Marginality in Ancient Greek Philosophy, Science, and Medicine	3
JAPN 451	 Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3	PHIL 213	 Asian Philosophy	3
JWST 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3	PHIL 215	 Medieval Philosophy	3
JWST 100	 Introduction to Jewish Studies	3	PHIL 220	 17th and 18th Century Western Philosophy <sup>H</sup>	3
JWST 103	 Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3	PHIL 224	 Existential Philosophy and the Meaning(lessness) of Life <sup>H</sup>	3
JWST 106	 Introduction to Early Judaism	3	PHIL 282	 Human Rights: Philosophical Interrogations	3
JWST 110	 The Archaeology of Palestine in the New Testament Period	3	PHIL 411	 Aristotle	3
JWST 153	 From the Bible to Broadway: Jewish History to Modern Times	3	PHIL 412	 Plato	3
JWST 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3	PHIL 421	 Rationalism	3
JWST 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3	PHIL 422	 Empiricism	3
JWST 225	 Popular and Pious: Early Modern Jewish Literature	3	PHIL 423	 Kant's Theoretical Philosophy	3
JWST 253	 A Social History of Jewish Women in America	3	PHIL 424	 Kant's Practical Philosophy	3
JWST 262	 History of the Holocaust: The Destruction of the European Jews	3	PHIL 426	 Nietzsche	3
JWST 274	 Representing the Holocaust: Mediating Trauma in Art and Theory	3	PLAN 246	 Cities of the Past, Present, and Future: Introduction to Planning	3
JWST 480	 Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities <sup>H</sup>	3	PLCY 80	 First-Year Seminar: Innovation, Entrepreneurship, and Economic Growth <sup>H</sup>	3
JWST 486	 The Jewish South: Race, Region, and Religion	3	PLCY 231	 Why History Matters to Public Policy	3
JWST 503	 Exploring the Dead Sea Scrolls <sup>H</sup>	3	POLI 200	 The President, Congress, and Public Policy	3
JWST 512	 Ancient Synagogues	3	POLI 240	 African American Politics	3
JWST 602	 What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3	POLI 257	 Politics, Society, and Culture in Postwar Germany	3
KOR 232	 Imagining the City in Modern Korea: Text, Image, Space	3	PORT 323	 Advanced Communication in Portuguese: History, Nature, and Society	3
LING 202	 Linguistic Variation and Language Change	3	PORT 370	 Modern Brazil through Literature and Film in Translation	3
MNGT 364	 History of American Business	3	PORT 375	 Portuguese and Brazilian Fiction in Translation	3
MUSC 141	 Survey of Western Music History	3	PORT 521	 Contemporary Portuguese Culture and Contexts	3
			PWAD 132	 Modern Southeast Asia	3
			PWAD 205	 War, Diplomacy, and Statecraft, 1618-1815	3
			PWAD 206	 War, Diplomacy, and Statecraft, 1815-1945	3
			PWAD 238	 The American Revolution, 1763-1815	3

PWAD 245	 The United States and the Cold War: Origins, Development, Legacy	3	RELI 165	 Mysticism <sup>H</sup>	3
PWAD 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3	RELI 167	 Global Christianity	3
PWAD 254	 War and Society in Early Modern Europe	3	RELI 180	 Introduction to Islamic Civilization	3
PWAD 262	 History of the Holocaust: The Destruction of the European Jews	3	RELI 181	 Modern Muslim Societies	3
PWAD 266	 Global History of Warfare	3	RELI 207	 Jesus in the Early Christian Gospels	3
PWAD 273	 Water, Conflict, and Connection in the Middle East	3	RELI 208	 The Birth of Christianity	3
PWAD 277	 The Conflict over Israel/Palestine	3	RELI 209	 Varieties of Early Christianity <sup>H</sup>	3
PWAD 312	 History of France and Algeria	3	RELI 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
PWAD 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3	RELI 212	 Classical Hebrew II: A Linguistic Introduction to the Hebrew Bible	3
PWAD 359	 Comparative History of National Intelligence Regimes	3	RELI 217	 Gnosticism <sup>H</sup>	3
RELI 63	 First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3	RELI 227	 Luther and the Bible	3
RELI 65	 First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3	RELI 240	 Religion, Literature, and the Arts in America <sup>H</sup>	3
RELI 70	 First-Year Seminar: Jesus in Scholarship and Film	3	RELI 242	 New Religious Movements in America	3
RELI 80	 First-Year Seminar: Religion and Writing in the Ancient World	3	RELI 263	 Gender and Religion in Premodern Europe <sup>H</sup>	3
RELI 103	 Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3	RELI 266	 Medieval and Renaissance Christian Cultures	3
RELI 104	 Introduction to the New Testament <sup>H</sup>	3	RELI 270	 Religion in Western Europe <sup>H</sup>	3
RELI 106	 Introduction to Early Judaism	3	RELI 284	 The Buddhist Tradition: East Asia	3
RELI 109	 History and Culture of Ancient Israel <sup>H</sup>	3	RELI 286	 Premodern Japanese Religions	3
RELI 110	 The Archaeology of Palestine in the New Testament Period	3	RELI 288	 Chinese Religions	3
RELI 114	 Early Christian Worship, Ritual, and Bodies	3	RELI 289	 Muhammad and the Qur'an	3
RELI 117	 Culture of the Ancient Near East	3	RELI 314	 Memory and the Historical Jesus <sup>H</sup>	3
RELI 123	 Introduction to Jewish Studies	3	RELI 325	 Religion, Magic, and Science	3
RELI 125	 Heaven and Hell	3	RELI 332	 The Protestant Tradition <sup>H</sup>	3
RELI 127	 The Claims of Science and Religion	3	RELI 362	 Mary in the Christian Tradition <sup>H</sup>	3
RELI 130	 Religion and Popular Culture	3	RELI 413	 Biblical Coptic and Early Egyptian Monasticism	3
RELI 138	 Religious Freedom	3	RELI 421	 Religion and Science	3
RELI 140	 Religion in America <sup>H</sup>	3	RELI 441	 Religion in Early America <sup>H</sup>	3
RELI 142	 Catholicism in America	3	RELI 448	 Native and Christian: Indigenous Engagements with Christianity	3
RELI 151	 Religion in Latin America	3	RELI 450	 Sexuality in Jewish Tradition and History	3
RELI 161	 Introduction to the History of Christian Traditions <sup>H</sup>	3	RELI 488	 Shinto in Japanese History	3
RELI 162	 Catholicism Today: An Introduction to the Contemporary Catholic Church	3	RELI 501	 The History of the Bible in Modern Study	3
RELI 164	 Heresy and Inquisition: Religion, Ethics, Marginalization	3	RELI 502	 Myths and Epics of the Ancient Near East <sup>H</sup>	3
			RELI 503	 Exploring the Dead Sea Scrolls <sup>H</sup>	3
			RELI 512	 Ancient Synagogues	3
			RELI 514	 Judaism and the Search for Christian Origins	3
			RELI 515	 Cultural Histories of the New Testament	3
			RELI 581	 Sufism	3
			RELI 582	 Islam and Islamic Art in South Asia	3
			RELI 583	 Religion and Culture in Iran, 1500-Present	3
			RELI 584	 The Qur'an as Literature	3

RELI 602	What Is Scripture? Formations of the Hebrew Bible/Old Testament Canon	3
RELI 609	Christianity and Greco-Roman Culture	3
RELI 614	The Cult of Saints: Narratives, Materialities, Practices	3
RELI 617	Death and Afterlife in the Ancient World <sup>H</sup>	3
ROML 63	First Year Seminar: Forging Alliances: Religion, War, and Cultural Transference on the Camino	3
RUSS 270	Crimes and Punishments: Russian Literature of the 19th Century	3
RUSS 279	Sunstrokes in Dark Alleys: Russian Short Stories	3
RUSS 445	19th Century Russian Literature and Culture	3
RUSS 464	Dostoevsky	3
RUSS 465	Chekhov	3
RUSS 480	Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities <sup>H</sup>	3
SOCI 122	Race and Ethnicity	3
SPAN 378	Afro-Hispanic Language Contacts	3
WGST 64	Plantation Lullabies: Literature by and about African American Women	3
WGST 144	Women in the United States from Settlement to Present	3
WGST 222	Prehistoric Art	3
WGST 241	Women in Ancient Rome <sup>H</sup>	3
WGST 253	A Social History of Jewish Women in America	3
WGST 259	Towards Emancipation? Women in Modern Europe	3
WGST 266	Black Women in America	3
WGST 280	Women and Gender in Latin American History	3
WGST 313	Women and the Law in Africa and the Middle East	3
WGST 330	Women's Health Activism in Twentieth Century America	3
WGST 337	African Gender History	3
WGST 362	Mary in the Christian Tradition <sup>H</sup>	3
WGST 382	African American Women's History	3
WGST 450	Sexuality in Jewish Tradition and History	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Ethical and Civic Values

Ethical and Civic Values (FC-VALUES) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 1164).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Code	Title	Hours
<b>Approved Courses</b>		
AAAD 102	Introduction to Media in Africa	3
AAAD 220	Media and Democracy in Africa	3
AAAD 461	Race, Gender, and Activism in Cuba	3
AMST 55	First-Year Seminar: Birth and Death in the United States <sup>H</sup>	3
AMST 220	On the Question of the Animal: Contemporary Animal Studies	3
AMST 225	Comedy and Ethics <sup>H</sup>	3
AMST 259	Tobacco and America	3
AMST 269	Mating and Marriage in America	3
AMST 275	Food and American Culture	3
AMST 277	America's Role in the Global Environment	3
AMST 287	Introduction to American Legal Education	3
AMST 317	Adoption in America	3
ANTH 194	Anthropology and Community Development	3
ANTH 278	Women in Science	3
ANTH 280	Anthropology of War and Peace	3
ANTH 424	Ritual, Festival, and Public Culture	3
ARAB 350	Women and Leadership in the Arab World	3
ASIA 55	First-Year Seminar: Kung-Fu: The Concept of Heroism in Chinese Culture	3
ASIA 167	Gender, Sexuality, and Social Justice in South Asia	3
ASIA 233	Drugs, Sex, and Sovereignty in East Asia, 1800-1945	3
ASIA 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ASIA 300	The Buddhist Tradition: India, Nepal, and Tibet	3
ASIA 333	The Mahabharata: Remembered and Reimagined	3
ASIA 383	The Mahabharata: Remembered and Reimagined--Experiential	3
ASIA 427	Cold War Culture in East Asia: Transnational and Intermedial Connections	3
ASIA 587	Islam and Sexual Diversity	3
BUSI 463	Corporate Environmental Stewardship	3
CHIN 238	From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3
CHIN 247	Indigenous Spiritualities in Literatures of China and Taiwan <sup>H</sup>	3
CHIN 356	Chinese Environmental Literature	3
CHIN 463	Narrative Ethics in Modern China	3

CHIN 475	 Confucianism: Origin, History, and Contemporary Relevance	3	GERM 265	 Hitler in Hollywood: Cinematic Representations of Nazi Germany	3
CHIN 476	 Daoism: Origin, History, and Contemporary Relevance	3	GERM 280	 20th-Century German Philosophy and Modern Youth Cultures	3
CHIN 525	 Ancient Philosophers and Their Modern Reincarnation	3	GSLL 68	 First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy <sup>H</sup>	3
CLAS 362	 Greek Tragedy <sup>H</sup>	3	GSLL 225	 Popular and Pious: Early Modern Jewish Literature	3
CLAS 415	 Roman Law <sup>H</sup>	3	HIST 382	 The History of the Civil Rights Movement <sup>H</sup>	3
CMPL 238	 From Martial Arts to Street Dance: Rebellion with Chinese Characteristics	3	HNUR 407	 South Asian Society and Culture	3
CMPL 247	 Indigenous Spiritualities in Literatures of China and Taiwan <sup>H</sup>	3	HNUR 411	 Health and Medicine in South Asia	3
CMPL 527	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3	INLS 384	 Information and Computer Ethics	3
COMM 170	 Rhetoric and Public Issues	3	ITAL 320	 Italian Cities and Cultures: History, Power, and Ecology	3
COMM 223	 Small Group Communication	3	ITAL 374	 Italian Ecofiction in Global Perspective	3
COMM 527	 Organizational Ethics	3	ITAL 385	 Italian Landscapes: Italy in the UNESCO World Heritage List	3
COMP 380	 Technology, Ethics, & Culture <sup>H</sup>	3	ITAL 388	 Environmental Issues in Italian Literature and Film	3
ECON 384	 Gateway to Philosophy, Politics, and Economics <sup>H</sup>	3	ITAL 525	 Italo Calvino in English	3
ECON 698	 Philosophy, Politics, and Economics: Capstone Course	3	ITAL 571	 Primo Levi in English	3
EDUC 508	 Equity, Leadership, and You	3	JAPN 375	 The Culture of Modern, Imperial Japan, 1900-1945	3
EDUC 526	 Ethics and Education: From Global Problems to Classroom Dilemmas	3	JWST 100	 Introduction to Jewish Studies	3
ENEC 325	 Water Resource Management and Human Rights <sup>H</sup>	3-4	JWST 224	 Modern Jewish Thought <sup>H</sup>	3
ENEC 350	 Environmental Law and Policy	3	JWST 225	 Popular and Pious: Early Modern Jewish Literature	3
ENEC 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics	3	JWST 420	 Post-Holocaust Ethics and Theology <sup>H</sup>	3
ENEC 463	 Corporate Environmental Stewardship	3	KOR 150	 History, Memory, and Reality in Contemporary Korea	3
ENGL 305	 Advanced Legal Communication	3	LING 225	 Busting Language Myths	3
ENGL 385	 Literature and Law	3	MEJO 141	 Media Ethics	3
ENGL 403	 Rhetoric and Social Justice <sup>H</sup>	3	MEJO 341	 Introduction to Media Law: Advertising, Public Relations, and Strategic Communication Focus	3
ENGL 488	 Critical Security Studies	3	MNGT 223	 Small Group Communication	3
FOLK 424	 Ritual, Festival, and Public Culture	3	NAVS 402	 Naval Leadership and Ethics	3
FREN 150	 Globalization and the French-Speaking World	3	NURS 302	 Research, Ethics, and Innovation: Carolina Core II	3
GEOG 124	 Feminist Geographies	3	PHIL 51	 First-Year Seminar: Who Was Socrates?	3
GEOG 228	 Urban Geography	3	PHIL 55	 First-Year Seminar: Paradoxes	3
GEOG 232	 Agriculture, Food, and Society	3	PHIL 57	 First-Year Seminar: Race and Affirmative Action	3
GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3	PHIL 59	 First-Year Seminar: Proofs of the Existence of God	3
GEOG 429	 Urban Political Geography: Durham, NC	3	PHIL 62	 First-Year Seminar: Philosophy with Children	3
GEOG 543	 Qualitative Methods in Geography	3	PHIL 66	 First-Year Seminar: Ethics: Theoretical and Practical	3
GERM 245	 Marx, Nietzsche, and Freud	3	PHIL 68	 First-Year Seminar: Moral Life <sup>H</sup>	3



PHIL 70	 First-Year Seminar: Gateway to Philosophy, Politics, and Economics	3	PHIL 364	 Ethics and Economics	3
PHIL 75	 First-Year Seminar: Evil	3	PHIL 368	 Living Things, Wilderness, and Ecosystems: An Introduction to Environmental Ethics	3
PHIL 76	 First-Year Seminar: Is Free Will an Illusion? <sup>H</sup>	3	PHIL 370	 Authority, Freedom, and Rights: Advanced Political Philosophy	3
PHIL 80	 First-Year Seminar: Short Stories and Contemporary Social Problems	3	PHIL 381	 Philosophy and Film <sup>H</sup>	3
PHIL 86	 First-Year Seminar: Persons and Identity	3	PHIL 384	 Gateway to Philosophy, Politics, and Economics <sup>H</sup>	3
PHIL 101	 Introduction to Philosophy: Central Problems, Great Minds, Big Ideas <sup>H</sup>	3	PHIL 392	 Ethics Research Seminar for Undergraduates	3
PHIL 110	 Philosophical Texts that Changed the World: An Introduction to Philosophy through Great Works <sup>H</sup>	3	PHIL 426	 Nietzsche	3
PHIL 112	 Making Sense of Ourselves <sup>H</sup>	3	PHIL 460	 History of Moral Philosophy	3
PHIL 134	 Reason, Faith, and God: Philosophy of Western Religion <sup>H</sup>	3	PHIL 698	 Philosophy, Politics, and Economics: Capstone Course	3
PHIL 143	 AI and the Future of Humanity: Philosophical Issues about Technology and Human Survival <sup>H</sup>	3	PLAN 247	 Solving Urban Problems	3
PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory <sup>H</sup>	3	PLAN 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
PHIL 163	 Practical Ethics: Moral Reasoning and How We Live <sup>H</sup>	3	PLCY 71	 First-Year Seminar: Justice and Inequality <sup>H</sup>	3
PHIL 164	 Morality and Business	3	PLCY 340	 Justice in Public Policy <sup>H</sup>	3
PHIL 165	 Bioethics <sup>H</sup>	3	PLCY 355	 Restorative Justice	3
PHIL 170	 Liberty, Rights, and Responsibilities: Introduction to Social Ethics and Political Thought <sup>H</sup>	3	PLCY 360	 State and Local Politics	3
PHIL 180	 Philosophy of Humor	3	PLCY 362	 Ethics and Food Policy	3
PHIL 224	 Existential Philosophy and the Meaning(lessness) of Life <sup>H</sup>	3	PLCY 364	 Ethics and Economics	3
PHIL 261	 Ethics in Action	3	POLI 52	 First-Year Seminar: Friendship in Political Thought <sup>H</sup>	3
PHIL 266	 Not All Fun and Games: Ethics of Sports	3	POLI 75	 First-Year Seminar: Thinking about Law	3
PHIL 272	 The Ethics of Peace, War, and Defense	3	POLI 87	 First-Year Seminar: What Does it Mean to be a Good Citizen?	3
PHIL 273	 Justice, Rights, and the Common Good: Philosophical Perspectives on Social and Economic Issues <sup>H</sup>	3	POLI 100	 American Democracy in Changing Times <sup>H</sup>	3
PHIL 274	 Race, Racism, and Social Justice: African-American Political Philosophy <sup>H</sup>	3	POLI 270	 Classical Political Thought <sup>H</sup>	3
PHIL 275	 Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3	POLI 271	 Modern Political Thought <sup>H</sup>	3
PHIL 276	 Ideology, Capitalism, and Critique	3	POLI 272	 The Ethics of Peace, War, and Defense	3
PHIL 280	 Morality, Law, and Justice: Issues in Legal Philosophy <sup>H</sup>	3	POLI 275	 Nationalism, Immigration and the Politics of Identity <sup>H</sup>	3
PHIL 285	 Moral and Philosophical Issues in Education <sup>H</sup>	3	POLI 276	 Major Issues in Political Theory <sup>H</sup>	3
PHIL 292	 Field Work in Philosophy: Introducing Philosophy in Primary and Secondary Schools	3	POLI 280	 American Political Thought <sup>H</sup>	3
PHIL 294	 Philosophy across the Lifespan	3	PHIL 384	 Gateway to Philosophy, Politics, and Economics <sup>H</sup>	3
PHIL 360	 Major Developments in Ethics: Historical and Philosophical Perspectives <sup>H</sup>	3	PHIL 475	 Environmental Political Theory	3
PHIL 362	 Contemporary Ethical Theory <sup>H</sup>	3	POLI 698	 Philosophy, Politics, and Economics: Capstone Course	3
			PWAD 272	 The Ethics of Peace, War, and Defense	3
			PWAD 280	 Anthropology of War and Peace	3
			PWAD 363	 Ethical Issues in Intelligence and National Security	3
			PWAD 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3

PWAD 481	Religion, Fundamentalism, and Nationalism	3	RELI 480	Modern Muslim Literatures	3
PWAD 484	Critical Security Studies	3	RELI 481	Religion, Fundamentalism, and Nationalism	3
RELI 67	First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3	RELI 522	19th-Century Critiques of Religion	3
RELI 77	First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3	RELI 530	Genealogies of Religion	3
RELI 85	First-Year Seminar: Sex, Marriage, and Family in Religion	3	RELI 580	African American Islam	3
RELI 102	World Religions	3	RELI 587	Islam and Sexual Diversity	3
RELI 108	Classic Jewish Texts: From Bible and Dead Sea Scrolls to Kabbalah and Hassidism	3	RELI 620	Feminism and Religion	3
RELI 121	Introduction to Religion and Culture <sup>H</sup>	3	SPHG 429	Public Health, Entrepreneurship, and Food Systems in Southeast Asia <sup>H</sup>	3
RELI 122	Introduction to Philosophical Approaches to Religion <sup>H</sup>	3	WGST 64	Plantation Lullabies: Literature by and about African American Women	3
RELI 123	Introduction to Jewish Studies	3	WGST 167	Gender, Sexuality, and Social Justice in South Asia	3
RELI 125	Heaven and Hell	3	WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3
RELI 126	Reason, Faith, and God: Philosophy of Western Religion <sup>H</sup>	3	WGST 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3
RELI 132	Religion and Global Justice	3	WGST 278	Women in Science	3
RELI 135	Religion, Ethics, and Technology	3	WGST 281	Gender and Global Change	3
RELI 138	Religious Freedom	3	WGST 393	Practicum in Women's and Gender Studies	3
RELI 185	Women/Gender/Islam <sup>H</sup>	3	WGST 424	Gender Theory and the Study of Religion	3
RELI 220	Religion and Medicine <sup>H</sup>	3	WGST 450	Sexuality in Jewish Tradition and History	3
RELI 222	Modern Western Religious Thought	3	WGST 460	The Social Construction of Gendered Bodies	3
RELI 224	Modern Jewish Thought <sup>H</sup>	3	WGST 610	Feminism, Sexuality, and Human Rights	3
RELI 226	Human Animals in Religion and Ethics	3			
RELI 233	Religion and Violence	3			
RELI 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3			
RELI 248	Introduction to American Islam <sup>H</sup>	3			
RELI 266	Medieval and Renaissance Christian Cultures	3			
RELI 283	The Buddhist Tradition: India, Nepal, and Tibet	3			
RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3			
RELI 324	Religion and the Human: Interrogating Individuality	3			
RELI 338	Religion in American Law	3			
RELI 365	Studies in Christian Theologies and Theologians	3			
RELI 383	The Mahabharata: Remembered and Reimagined—Experiential	3			
RELI 420	Post-Holocaust Ethics and Theology <sup>H</sup>	3			
RELI 424	Gender Theory and the Study of Religion	3			
RELI 426	The Sacrifice of Abraham <sup>H</sup>	3			
RELI 430	Dimensions of Evil	3			
RELI 438	Religion, Nature, and Environment <sup>H</sup>	3			
RELI 450	Sexuality in Jewish Tradition and History	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.





## Global Understanding and Engagement


Global Understanding and Engagement (FC-GLOBAL) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 1164).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).















Code	Title	Hours
<b>Approved Courses</b>		
AAAD 54	First-Year Seminar: African Migrations, Boundaries, Displacements, and Belonging	3
AAAD 55	First-Year Seminar: Youth Activism, Citizenship, and Social Change in Africa	3
AAAD 101	Introduction to Africa	3
AAAD 102	Introduction to Media in Africa	3
AAAD 130	Introduction to African American and Diaspora Studies	3
AAAD 200	Gender and Sexuality in Africa	3
AAAD 202	African Film and Performance	3

AAAD 214	 Africa through the Ethnographic Lens	3	ANTH 233	 Archaeology of Ancient Turkey	3
AAAD 220	 Media and Democracy in Africa	3	ANTH 238	 Human Ecology of Africa	3
AAAD 288	 Global Black Popular Cultures	3	ANTH 252	 Archaeology of Food	3
AAAD 300	 Cultures of Health and Healing in Africa	3	ANTH 319	 Global Health	3
AAAD 302	 West African History, Politics, and Culture	3	ANTH 325	 Emotions and Society	3
AAAD 303	 Islamic Cultures of Contemporary Africa	3	ANTH 328	 Anthropology of Care	3
AAAD 315	 Political Protest and Conflict in Africa	3	ANTH 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3
AAAD 318	 Politics of Art in Africa	3	ANTH 354	 Everyday Lives in the Middle East: Anthropological Perspectives	3
AAAD 329	 Islamic Cultures and Literatures in Africa	3	ANTH 355	 Life, Society and Work in the Globalized City	3
AAAD 387	 HIV/AIDS in Africa and the Diaspora	3	ANTH 405	 Mental Health, Psychiatry, and Culture	3
AAAD 391	 Human Development and Sustainability in Africa and the African Diaspora	3	ANTH 429	 Culture and Power in Southeast Asia	3
AAAD 403	 Human Rights: Theories and Practices in Africa	3	ANTH 432	 Science and Society in the Middle East	3
AAAD 410	 Gender, Sexuality, and Development in Contemporary Africa	3	ANTH 445	 Migration and Health	3
AAAD 421	 Introduction to the Languages of Africa	3	ANTH 674	 Issues in Cultural Heritage	3
AAAD 466	 Race and Gender in the Atlantic World	3	ARAB 211	 Arab Comics	3
AAAD 487	 Intellectual Currents in African and African Diaspora Studies	3	ARAB 214	 Medicine in the Arab World	3
AAAD 488	 Human Rights and Democracy in African Diaspora Communities	3	ARAB 350	 Women and Leadership in the Arab World	3
AAAD 492	 Urbanism in the Global South	3	ARAB 354	 Everyday Lives in the Middle East: Anthropological Perspectives	3
AMST 175	 Introduction to Food Studies: From Science to Society	3	ARAB 432	 Science and Society in the Middle East	3
AMST 325	 Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3	ARTH 155	 African Art Survey	3
AMST 460	 Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment <sup>H</sup>	3	ARTH 156	 Introduction to Architecture	3
ANTH 104	 Introduction to Biocultural Medical Anthropology	3	ARTH 200	 Art and Fashion from Rome to Timbuktu	3
ANTH 123	 Habitat and Humanity	3	ARTH 277	 Art and Architecture of Viceregal Latin America	3
ANTH 142	 Local Cultures, Global Forces <sup>H</sup>	3	ARTH 299	 Arts of West Africa	3
ANTH 145	 Introduction to World Prehistory	3	ASIA 57	 First-Year Seminar: Dis-Orienting the Orient	3
ANTH 147	 Comparative Healing Systems	3	ASIA 59	 First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3
ANTH 149	 Great Discoveries in Archaeology	3	ASIA 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
ANTH 151	 Anthropological Perspectives on Food and Culture	3	ASIA 61	 First-Year Seminar: India through the Lens of Master Filmmakers	3
ANTH 175	 Introduction to Food Studies: From Science to Society	3	ASIA 63	 First-Year Seminar: Japanese Tea Culture	3
ANTH 210	 Global Issues and Globalization	3	ASIA 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
ANTH 214	 Medicine in the Arab World	3	ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	3
ANTH 217	 Human Biology in Comparative Perspective	3	ASIA 73	 First-Year Seminar: Popular Culture in the Arab World	3
ANTH 231	 The Inca and Their Ancestors: The Archaeology of Andean South America	3	ASIA 124	 Iranian Post-1979 Cinema	3
ANTH 232	 Ancestral Maya Civilizations <sup>H</sup>	3	ASIA 126	 Introduction to Persian Literature	3
			ASIA 127	 Iranian Women Writers	3
			ASIA 132	 Modern Southeast Asia	3

ASIA 133	 Introduction to Chinese History	3	ASIA 442	 Postcolonial Literature of the Middle East	3
ASIA 150	 Asia: An Introduction	3	ASIA 462	 The Arab-Jews: Culture, Community, and Coexistence	3
ASIA 151	 Literature and Society in Southeast Asia	3	ASIA 469	 Asian Economic Systems	3
ASIA 181	 Modern Muslim Societies	3	ASIA 471	 Gender and Sexuality in Middle Eastern Literature	3
ASIA 183	 Asian Religions	3	ASIA 483	 Cross-Currents in East-West Literature	3
ASIA 211	 The Silk Road: Markets, Metaphysics, and Music	3	ASIA 486	 Islam and Feminism/Islamic Feminism	3
ASIA 228	 Contested Souls: Literature, the Arts, and Religious Identity in Modern India	3	ASIA 488	 Shinto in Japanese History	3
ASIA 229	 Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3	ASIA 489	 Animals in Japanese Religion	3
ASIA 252	 Popular Culture in Modern Southeast Asia	3	ASIA 581	 Sufism	3
ASIA 256	 Love in Classical Persian Poetry	3	ASIA 582	 Islam and Islamic Art in South Asia	3
ASIA 258	 Iranian Prison Literature	3	ASIA 583	 Religion and Culture in Iran, 1500-Present	3
ASIA 260	 Languages of Southeast Asia	3	BUSI 305	 Business German	3
ASIA 261	 India through Western Eyes	3	BUSI 463	 Corporate Environmental Stewardship	3
ASIA 267	 South Asia	3	CHIN 252	 Introduction to Chinese Culture through Narrative	3
ASIA 276	 The Modern Middle East	3	CHIN 346	 History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3
ASIA 277	 The Conflict over Israel/Palestine	3	CHIN 356	 Chinese Environmental Literature	3
ASIA 279	 Islamic Law, Ethics, and Practice	3	CHIN 475	 Confucianism: Origin, History, and Contemporary Relevance	3
ASIA 301	 Premodern Japanese Religions	3	CHIN 525	 Ancient Philosophers and Their Modern Reincarnation	3
ASIA 303	 Chinese Religions	3	CHIN 545	 Chinese Science Fiction	3
ASIA 329	 Middle East Women Writers	3	CLAR 200	 Art and Fashion from Rome to Timbuktu	3
ASIA 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3	CLAS 59	 First-Year Seminar: Ancient Magic and Religion	3
ASIA 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3	CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	3
ASIA 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3	CMPL 252	 Popular Culture in Modern Southeast Asia	3
ASIA 359	 Literary Diasporas of the Middle East	3	CMPL 256	 Love in Classical Persian Poetry	3
ASIA 379	 Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3	CMPL 257	 The Crisis of Modernity in World Cinema	3
ASIA 380	 Almost Despicable Heroines in Japanese and Western Literature	3	CMPL 258	 Iranian Prison Literature	3
ASIA 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3	CMPL 261	 India through Western Eyes	3
ASIA 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	CMPL 275	 Literature of Pilgrimage	3
ASIA 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3	CMPL 359	 Literary Diasporas of the Middle East	3
ASIA 429	 Culture and Power in Southeast Asia	3	CMPL 379	 Cowboys, Samurai, and Rebels in Film and Fiction <sup>H</sup>	3
ASIA 431	 Persian Sufi Literature	3	CMPL 380	 Almost Despicable Heroines in Japanese and Western Literature	3
ASIA 435	 The Cinemas of the Middle East and North Africa	3	CMPL 442	 Postcolonial Literature of the Middle East	3
ASIA 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3	CMPL 483	 Cross-Currents in East-West Literature	3
			CMPL 527	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3
			CMPL 535	 The Cinemas of the Middle East and North Africa	3

CMPL 545	 Chinese Science Fiction	3	GEOG 269	 Human-Environment Interactions in the Galapagos Islands	3
COMM 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3	GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
DRAM 80	 First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down <sup>H</sup>	3	GEOG 435	 Global Environmental Justice	3
DRAM 486	 Latin American Theatre	3	GEOG 437	 Social Vulnerability to Climate Change	3
ECON 362	 Exploring Economies	3	GEOG 451	 Population, Development, and the Environment	3
ECON 460	 International Economics	3	GEOG 460	 Geographies of Economic Change	3
ECON 465	 Economic Development	3	GERM 301	 Advanced Applied German: Life, Work, Fun	3
ECON 469	 Asian Economic Systems	3	GERM 302	 Advanced Communication in German: Media, Arts, Culture	3
EDUC 320	 Navigating Education in Borderlands	3	GERM 304	 Business German	3
ENEC 201	 Introduction to Environment and Society <sup>H</sup>	4	GERM 305	 Business German	3
ENEC 238	 Human Ecology of Africa	3	GLBL 110	 Global Policy Issues <sup>H</sup>	3
ENEC 371	 Energy Policy	3	GLBL 210	 Global Issues and Globalization	3
ENEC 437	 Social Vulnerability to Climate Change	3	GLBL 221	 The Migratory Experience	3
ENEC 451	 Population, Development, and the Environment	3	GLBL 300	 Apology, Forgiveness, and Reconciliation - The Case of Northern Ireland	3
ENEC 463	 Corporate Environmental Stewardship	3	GLBL 383	 Global Whiteness	3
ENGL 141	 World Literatures in English	3	GLBL 401	 Right Wing Populism in Global Perspective <sup>H</sup>	3
EURO 239	 Introduction to European Government <sup>H</sup>	3	GLBL 413	 Socialist and Decolonial Ecologies	3
EURO 460	 International Economics	3	GLBL 481	 NGO Politics <sup>H</sup>	3
EURO 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3	GLBL 483	 Comparative Health Systems <sup>H</sup>	3
FOLK 429	 Culture and Power in Southeast Asia	3	GLBL 486	 Sports and Globalization <sup>H</sup>	3
FREN 150	 Globalization and the French-Speaking World	3	GLBL 487	 Social Movements: Rethinking Globalization <sup>H</sup>	3
FREN 255	 Conversation I <sup>H</sup>	3	HIST 74	 First-Year Seminar: Emperors, Courts, and Consumption: The Mughals of India	3
FREN 262	 Cultural and Linguistic Diversity in the French-Speaking World	3	HIST 132	 Modern Southeast Asia	3
FREN 280	 French "Discoveries" of the Americas in Translation	3	HIST 133	 Introduction to Chinese History	3
FREN 288	 Francophone Caribbean Literature in Translation	3	HIST 140	 The World since 1945	3
FREN 310	 Conversation and Composition II	3	HIST 142	 Latin America under Colonial Rule	3
FREN 350	 Current Societal Issues: France and Beyond	3	HIST 158	 Early Modern European History, 1450-1815	3
FREN 372	 French and Francophone Studies since 1789	3	HIST 162	 Russia under the Last Tsars and Soviet Commissars	3
FREN 436	 Currents in Caribbean Literature	3	HIST 189	 The Global World Order from World War II to the Present <sup>H</sup>	3
GEOG 64	 First-Year Seminar: Vietnam	3	HIST 207	 The Global Cold War	3
GEOG 121	 Geographies of Globalization	3	HIST 210	 Global Issues and Globalization	3
GEOG 130	 Development and Inequality: Global Perspectives	3	HIST 220	 The Olympic Games: A Global History <sup>H</sup>	3
GEOG 210	 Global Issues and Globalization	3	HIST 240	 Introduction to Mexico: A Nation in Four Revolutions	3
GEOG 212	 Environmental Conservation and Global Change	3	HIST 242	 United States-Latin American Relations	3
GEOG 259	 Society and Environment in Latin America	3	HIST 243	 The United States and Africa <sup>H</sup>	3
GEOG 266	 Society and Environment in Southeast Asia	3	HIST 245	 The United States and the Cold War: Origins, Development, Legacy	3
GEOG 267	 South Asia	3			
GEOG 268	 Geography of Africa	3			

HIST 246	 The Long Cold War: U.S. Foreign Relations in the 20th and 21st Centuries	3	KOR 151	 Education and Social Changes in Contemporary Korea	3
HIST 247	 Early Modern Japanese History and Culture	3	KOR 232	 Imagining the City in Modern Korea: Text, Image, Space	3
HIST 260	 From Kings to Communists: East-Central Europe in the Modern Era <sup>H</sup>	3	KOR 306	 Advanced Korean II	3
HIST 271	 Ancient and Medieval Japanese History and Culture	3	KOR 327	 Korean Diasporas	3
HIST 273	 Water, Conflict, and Connection in the Middle East	3	KOR 407	 Modern Korean Literature and Culture	3
HIST 274	 History of the Ottoman Empire, 1300-1923	3	KOR 408	 Changes and Continuities in Korean History	3
HIST 276	 The Modern Middle East	3	KOR 409	 Korean Through Current Affairs	3
HIST 277	 The Conflict over Israel/Palestine	3	LGLA 402	 Elementary Lingala II	3
HIST 278	 The Trans-Atlantic Slave Trade <sup>H</sup>	3	LING 260	 Languages of Southeast Asia	3
HIST 285	 20th-Century China	3	LING 305	 Race against Time: Language Revitalization	3
HIST 313	 Women and the Law in Africa and the Middle East	3	LTAM 402	 Heritage and Migration in North Carolina	3
HIST 315	 Nation-Building in Latin America <sup>H</sup>	3	MEJO 446	 Global Communication and Comparative Journalism	3
HIST 335	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3	MEJO 447	 Media in the United Kingdom <sup>H</sup>	3
HIST 580	 International Relations and Public History	3	MEJO 584	 International Projects <sup>H</sup>	3
HNUR 306	 Advanced Hindi-Urdu II	3	MUSC 146	 Introduction to World Musics	3
HNUR 407	 South Asian Society and Culture	3	MUSC 234	 World Musics in Theory and Practice	3
HNUR 409	 Sex and Social Justice in South Asia	3	MUSC 251	 Studies in Medieval and Early Modern Music	3
ITAL 204	 Intermediate Italian II	3	MUSC 258	 Musical Movements: Migration, Exile, and Diaspora	3
ITAL 365	 Italian Food and Culture	3	MUSC 269	 Music in the Community	3
JAPN 162	 Japanese Popular Culture	3	NAVS 311	 Evolution of Warfare	3
JAPN 231	 Ancient and Medieval Japanese History and Culture	3	NAVS 401	 Naval Operations	4
JAPN 246	 Early Modern Japanese History and Culture	3	NURS 320	 Culture and Nursing Care	3
JAPN 417	 Japanese Culture through Film and Literature	3	NUTR 175	 Introduction to Food Studies: From Science to Society	3
JAPN 482	 Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3	PHIL 213	 Asian Philosophy	3
JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3	PLAN 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
JWST 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3	PLAN 576	 Urbanism in the Global South	3
JWST 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	PLCY 51	 First-Year Seminar: The Global Environment in the 21st Century	3
JWST 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3	PLCY 54	 First-Year Seminar: U.S. Immigration	3
JWST 462	 The Arab-Jews: Culture, Community, and Coexistence	3	PLCY 110	 Global Policy Issues <sup>H</sup>	3
JWST 480	 Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities <sup>H</sup>	3	PLCY 371	 Energy Policy	3
KOR 150	 History, Memory, and Reality in Contemporary Korea	3	POLI 57	 First-Year Seminar: Democratic Governance in Contemporary Latin America	3
			POLI 77	 Immigrants and Refugees in World Politics	3
			POLI 130	 Introduction to Comparative Politics <sup>H</sup>	3
			POLI 150	 International Relations and Global Politics <sup>H</sup>	3
			POLI 210	 Global Issues and Globalization	3
			POLI 215	 Political Psychology: An Introduction	3
			POLI 233	 Comparative Politics of the Middle East <sup>H</sup>	3

POLI 235	 The Politics of Russia and Eurasia <sup>H</sup>	3	RELI 77	 First-Year Seminar: Martyrs and Warriors: Religion and the Problem of Violence	3
POLI 237	 The Politics of China	3	RELI 114	 Early Christian Worship, Ritual, and Bodies	3
POLI 238	 Politics of the Global South: Latin America <sup>H</sup>	3	RELI 132	 Religion and Global Justice	3
POLI 239	 Introduction to European Government <sup>H</sup>	3	RELI 151	 Religion in Latin America	3
POLI 241	 Comparative Political Behavior <sup>H</sup>	3	RELI 165	 Mysticism <sup>H</sup>	3
POLI 255	 International Migration and Citizenship Today <sup>H</sup>	3	RELI 167	 Global Christianity	3
POLI 256	 The Politics of the First Era (1880-1914) of Globalization	3	RELI 181	 Modern Muslim Societies	3
POLI 260	 Crisis and Change in Russia and Eastern Europe	3	RELI 183	 Asian Religions	3
PORT 388	 Portuguese, Brazilian, and African Identity in Film	3	RELI 205	 Sacrifice in the Ancient World <sup>H</sup>	3
PORT 420	 Portuguese Language and Culture for the Professions	3	RELI 215	 Eastern Christian Cultures: Middle East, Asia, Africa, and Eastern Europe	3
PORT 520	 Climate Change and the Cultural Imagination: Lusophone Interpretations	3	RELI 220	 Religion and Medicine <sup>H</sup>	3
PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3	RELI 233	 Religion and Violence	3
PWAD 110	 Global Policy Issues <sup>H</sup>	3	RELI 279	 Islamic Law, Ethics, and Practice	3
PWAD 132	 Modern Southeast Asia	3	RELI 286	 Premodern Japanese Religions	3
PWAD 150	 International Relations and Global Politics <sup>H</sup>	3	RELI 288	 Chinese Religions	3
PWAD 207	 The Global Cold War	3	RELI 352	 Anthropology of Christianity	3
PWAD 245	 The United States and the Cold War: Origins, Development, Legacy	3	RELI 385	 Modern Muslims and the Qur'an	3
PWAD 250	 Introduction to Peace and Security Studies	3	RELI 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
PWAD 260	 Crisis and Change in Russia and Eastern Europe	3	RELI 427	 Spirit Possession and Mediumship	3
PWAD 273	 Water, Conflict, and Connection in the Middle East	3	RELI 481	 Religion, Fundamentalism, and Nationalism	3
PWAD 277	 The Conflict over Israel/Palestine	3	RELI 486	 Islam and Feminism/Islamic Feminism	3
PWAD 300	 Apology, Forgiveness, and Reconciliation - The Case of Northern Ireland	3	RELI 488	 Shinto in Japanese History	3
PWAD 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3	RELI 489	 Animals in Japanese Religion	3
PWAD 359	 Comparative History of National Intelligence Regimes	3	RELI 541	 Evangelicalism from a Global Perspective <sup>H</sup>	3
PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	RELI 581	 Sufism	3
PWAD 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3	RELI 582	 Islam and Islamic Art in South Asia	3
PWAD 435	 The Cinemas of the Middle East and North Africa	3	RELI 583	 Religion and Culture in Iran, 1500-Present	3
PWAD 460	 International Economics	3	RELI 586	 Women and Gender in Japanese Religions	3
PWAD 462	 The Arab-Jews: Culture, Community, and Coexistence	3	ROML 63	 First Year Seminar: Forging Alliances: Religion, War, and Cultural Transference on the Camino	3
PWAD 481	 Religion, Fundamentalism, and Nationalism	3	RUSS 280	 Russian Villains, Western Screens: Ethno-Cultural Stereotypes on Page and Stage, in Movies and Minds	3
PWAD 483	 Conflict, Development, and U.S. Foreign Policy	3	RUSS 410	 Intermediate-to-Advanced Russian Communication, Conversation, and Composition in Context II	3
RELI 64	 First-Year Seminar: Reintroducing Islam	3	RUSS 480	 Russian-Soviet Jewish Culture: Lofty Dreams and Stark Realities <sup>H</sup>	3
			RUSS 486	 Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3
			SOCI 180	 Introduction to Global Population Health	3
			SOCI 260	 Crisis and Change in Russia and Eastern Europe	3
			SOCI 419	 Sociology of the Islamic World	3

SPAN 170	Reading América Now. Fourteen Spanish American Prose Fictions Written While You've Been Around	3	ANTH 298	Biological Anthropology Theory and Practice	3
SPAN 338	Trans-Atlantic Cultural Topics	3	ANTH 315	Human Genetics and Evolution	3
SPHG 428	Public Health Entrepreneurship <sup>H</sup>	3	ANTH 318	Human Growth and Development	3
SPHG 429	Public Health, Entrepreneurship, and Food Systems in Southeast Asia <sup>H</sup>	3	ANTH 413	Laboratory Methods: Archaeobotany	3
SWAH 404	Intermediate Kiswahili IV	3	ANTH 414	Laboratory Methods: Human Osteology	3
SWAH 405	Advanced Kiswahili V	3	ANTH 415	Laboratory Methods: Zooarchaeology	3
SWAH 406	Advanced Plus Kiswahili VI	3	ANTH 520	Linguistic Phonetics	3
WGST 127	Iranian Women Writers	3	APPL 101	Exploring Engineering	3
WGST 200	Gender and Sexuality in Africa	3	ASTR 100	Understanding the Universe	3
WGST 281	Gender and Global Change	3	ASTR 101	Introduction to Astronomy: The Solar System <sup>H</sup>	3
WGST 313	Women and the Law in Africa and the Middle East	3	ASTR 102	Introduction to Astronomy: Stars, Galaxies & Cosmology <sup>H</sup>	3
WGST 325	Encountering Art in the Unexpected: Borderlands and Story in Contemporary American Visual Art	3	ASTR 103	Alien Life in the Universe	3
WGST 329	Middle East Women Writers	3	ASTR 110	Astrophotography of the Multi-Wavelength Universe	3
WGST 337	African Gender History	3	BIOL 53	First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome	3
WGST 350	Spitting in the Wind: "American" Women, Art, and Activism	3	BIOL 59	First-Year Seminar: Unsolved Problems in the Genomic Age	3
WGST 380	Almost Despicable Heroines in Japanese and Western Literature	3	BIOL 59	First-Year Seminar: Unsolved Problems in the Genomic Age	3
WGST 388	The International Politics of Sexual and Reproductive Health	3	BIOL 64	First-Year Seminar: Modeling Fluid Flow through and around Organs and Organisms	3
WGST 410	Comparative Queer Politics	3	BIOL 66	First-year seminar: Evolution and the Science of Life	3
WGST 445	Migration and Health	3	BIOL 101	Principles of Biology <sup>H</sup>	3
WGST 465	Gender, (Im)migration, and Labor in Latina Literature	3	BIOL 103	How Cells Function	3
WGST 471	Gender and Sexuality in Middle Eastern Literature	3	BIOL 104	Biodiversity	3
WGST 486	Exploration of Russian "Women's Prose" and Svetlana Alexievich (Nobel Prize in Literature 2015)	3	BIOL 204	The Microbial World: Foundations in Structure, Metabolism, and Ecology	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Natural Scientific Investigation

Natural Scientific Investigation (FC-NATSCI) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 1164).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Code	Title	Hours
<b>Approved Courses</b>		
ANTH 148	Human Origins	3
ANTH 217	Human Biology in Comparative Perspective	3

ANTH 298	Biological Anthropology Theory and Practice	3
ANTH 315	Human Genetics and Evolution	3
ANTH 318	Human Growth and Development	3
ANTH 413	Laboratory Methods: Archaeobotany	3
ANTH 414	Laboratory Methods: Human Osteology	3
ANTH 415	Laboratory Methods: Zooarchaeology	3
ANTH 520	Linguistic Phonetics	3
APPL 101	Exploring Engineering	3
ASTR 100	Understanding the Universe	3
ASTR 101	Introduction to Astronomy: The Solar System <sup>H</sup>	3
ASTR 102	Introduction to Astronomy: Stars, Galaxies & Cosmology <sup>H</sup>	3
ASTR 103	Alien Life in the Universe	3
ASTR 110	Astrophotography of the Multi-Wavelength Universe	3
BIOL 53	First-Year Seminar: Biotechnology: Genetically Modified Foods to the Sequence of the Human Genome	3
BIOL 59	First-Year Seminar: Unsolved Problems in the Genomic Age	3
BIOL 59	First-Year Seminar: Unsolved Problems in the Genomic Age	3
BIOL 64	First-Year Seminar: Modeling Fluid Flow through and around Organs and Organisms	3
BIOL 66	First-year seminar: Evolution and the Science of Life	3
BIOL 101	Principles of Biology <sup>H</sup>	3
BIOL 103	How Cells Function	3
BIOL 104	Biodiversity	3
BIOL 204	The Microbial World: Foundations in Structure, Metabolism, and Ecology	3
BIOL 220	Molecular Genetics <sup>H</sup>	3
BIOL 252	Fundamentals of Human Anatomy and Physiology <sup>H</sup>	3
BIOL 255	The Evolution of Extraordinary Adaptations <sup>H</sup>	4
BIOL 271	Plant Biology	3
BIOL 274	Plant Diversity	3
BIOL 544L	Laboratory in Diseases of the Cytoskeleton	3
CHEM 75	First-Year Seminar: Bread from Air? The Chemistry of Fertilizers	3
CHEM 101	General Descriptive Chemistry I <sup>H</sup>	3
CHEM 102	General Descriptive Chemistry II <sup>H</sup>	3
EMES 101	Planet Earth	3
EMES 103	The Marine Environment	3
EMES 105	Natural Disasters: Hollywood versus Reality	4
EMES 200	The Solid Earth	3





EMES 201	 Earth's Surface: Processes, Landforms, and History	3	PHYS 55	 First-Year Seminar: Introduction to Mechatronics	4
EMES 204	 The Microbial World: Foundations in Structure, Metabolism, and Ecology	3	PHYS 100	 How Things Work	4
EMES 306	 Earth Systems History	3	PHYS 101	 Basic Concepts of Physics	4
EMES 314	 Earth Systems in a Changing World	3	PHYS 106	 Inquiry into the Physical World	4
EMES 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3	PHYS 114	 General Physics I: For Students of the Life Sciences	4
ENEC 202	 Introduction to the Environmental Sciences	4	PHYS 115	 General Physics II: For Students of the Life Sciences	4
ENEC 203	 Introduction to Environmental Science Problem Solving	3	PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H</sup>	4
ENEC 324	 Water in Our World: Introduction to Hydrologic Science and Environmental Problems	3	PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H</sup>	4
ENVR 135	 Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health	3	PHYS 281L	 Experimental Techniques in Physics	3
GEOG 50	 First-Year Seminar: Mountain Environments <sup>H</sup>	3	PLAN 647	 Coastal Management Policy	3
GEOG 65	 First-Year Seminar: Climate Change in the Media <sup>H</sup>	3	PLAN 656	 Climate Change Impacts and Adaptation	3
GEOG 68	 First-Year Seminar: Freshwaters in the Anthropocene	3			
GEOG 110	 The Blue Planet: An Introduction to Earth's Environmental Systems <sup>H</sup>	3			
GEOG 111	 Weather and Climate	3			
GEOG 141	 Geography for Future Leaders	3			
GEOG 212	 Environmental Conservation and Global Change	3			
GEOG 269	 Human-Environment Interactions in the Galapagos Islands	3			
GEOG 370	 Introduction to Geographic Information	3			
GEOG 392	 Research Methods in Geography	3			
GEOG 410	 Modeling of Environmental Systems	3			
GEOG 414	 Climate Change	3			
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3			
GEOG 567	 Geospatial Data Analysis with Google Earth Engine	3			
LING 101	 Introduction to Language <sup>H</sup>	3			
LING 200	 Phonology	3			
LING 520	 Linguistic Phonetics	3			
MUSC 51	 First-Year Seminar: The Interplay of Music and Physics	3			
NSCI 175	 Introduction to Neuroscience	3			
NSCI 419	 Behavioral Endocrinology	3			
NSCI 568	 Emotion	3			
PHIL 351	 Philosophy of Physics <sup>H</sup>	3			
PHYS 51	 First-Year Seminar: The Interplay of Music and Physics	3			































<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.






































































## Power, Difference, and Inequality

Power, Difference, and Inequality (FC-POWER) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 1164).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Code	Title	Hours
<b>Approved Courses</b>		
AAAD 58	 First-Year Seminar: Health Inequality in Africa and the African Diaspora	3
AAAD 101	 Introduction to Africa	3
AAAD 231	 African American History since 1865	3
AAAD 232	 Black Women in America	3
AAAD 237	 African American Art Survey	3
AAAD 239	 Disaster, Recovery, Resistance in Southern Black History	3
AAAD 252	 African Americans in the West	3
AAAD 254	 African Americans in North Carolina	3
AAAD 257	 Black Nationalism in the United States	3
AAAD 258	 The Civil Rights Movement	3
AAAD 284	 Contemporary Perspectives on the African Diaspora in the Americas	3
AAAD 286	 The African Diaspora in the Colonial Americas, 1450-1800	3
AAAD 287	 Health Equity in the African Diaspora	3
AAAD 288	 Global Black Popular Cultures	3
AAAD 298	 Blacks in British North America to 1833	3

AAAD 332	 Remembering Race and Slavery	3	AMST 339	 The Long 1960s in Native America	3
AAAD 333	 Race and Public Policy in the United States	3	AMST 341	 Digital Native America	3
AAAD 356	 The History of Hip-Hop Culture	3	AMST 352	 The Asian American Experience	3
AAAD 388	 Black Feminist Thought & the Speculative Imagination	3	AMST 353	 Southeast Asian North Carolina	3
AAAD 389	 The Caribbean Anticolonial: Caribbean Literature, Film, Aesthetics, and Politics	3	AMST 371	 LGBTQ Film and Fiction from 1950 to the Present	3
AAAD 392	 Struggles to Shape the City	3	AMST 374	 America's Threatened Languages	3
AAAD 410	 Gender, Sexuality, and Development in Contemporary Africa	3	AMST 375	 Critical Food Studies: The South	3
AAAD 460	 Race, Culture, and Politics in Brazil	3	AMST 486	 The Jewish South: Race, Region, and Religion	3
AAAD 461	 Race, Gender, and Activism in Cuba	3	AMST 510	 Federal Indian Law and Policy	3
AAAD 480	 Vernacular Traditions in African American Music	4	AMST 511	 American Indians and American Law	3
AAAD 485	 Transnational Black Feminist Thought and Practice	3	AMST 512	 Race and American Law	3
AAAD 487	 Intellectual Currents in African and African Diaspora Studies	3	AMST 685	 Literature of the Americas	3
AAAD 488	 Human Rights and Democracy in African Diaspora Communities	3	ANTH 67	 First-Year Seminar: Blackness and Racialization: A Multidimensional Approach	3
AAAD 491	 Class, Race, and Inequality in America	3	ANTH 104	 Introduction to Biocultural Medical Anthropology	3
AMST 65	 First-Year Seminar: North Carolina Black Feminisms	3	ANTH 203	 Approaches to American Indian Studies	3
AMST 75	 First-Year Seminar: Food and the Media	3	ANTH 210	 Global Issues and Globalization	3
AMST 101	 This Place Called "America"	3	ANTH 284	 Culture and Consumption	3
AMST 110	 Introduction to the Cultures and Histories of Native North America	3	ANTH 302	 Language and Power	3
AMST 202	 Historical Approaches to American Studies	3	ANTH 319	 Global Health	3
AMST 203	 Approaches to American Indian Studies	3	ANTH 349	 Violent Pasts	3
AMST 210	 This Place Called "The South"	3	ANTH 370	 Southern Legacies: The Descendants Project	4
AMST 235	 Native America in the 20th Century	3	ANTH 427	 Race	3
AMST 248	 Intersectionality: Race, Gender, Sexuality, and Social Justice	3	ANTH 429	 Culture and Power in Southeast Asia	3
AMST 252	 Muslim American Literatures and Cultures	3	ANTH 439	 Political Ecology	3
AMST 253	 A Social History of Jewish Women in America	3	ANTH 443	 Cultures and Politics of Reproduction	3
AMST 255	 Difference and Power in American Culture(s)	3	ANTH 445	 Migration and Health	3
AMST 258	 Captivity and American Cultural Definition	3	ANTH 448	 Health and Medicine in the American South	3
AMST 265	 The Black Interior	3	ANTH 458	 Archaeology of Sex and Gender	3
AMST 268	 American Cinema and American Culture	3	ANTH 582	 Fieldwork with Social Models of Well-Being	3
AMST 275	 Food and American Culture	3	ARAB 337	 Borders and Walls in the Arab World	3
AMST 278	 Crimes and Punishments	3	ARTH 287	 African American Art Survey	3
AMST 317	 Adoption in America	3	ARTH 303	 Art and Colonialism: France in Africa/Africa in France	3
AMST 320	 Critical Issues and Theories in American Studies	3	ASIA 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3
AMST 337	 American Indian Activism since 1887: Beyond Red Power	3	ASIA 151	 Literature and Society in Southeast Asia	3
			ASIA 167	 Gender, Sexuality, and Social Justice in South Asia	3
			ASIA 252	 Popular Culture in Modern Southeast Asia	3
			ASIA 258	 Iranian Prison Literature	3
			ASIA 261	 India through Western Eyes	3

ASIA 267	 South Asia	3	COMM 348	 Algorithms and Society	3
ASIA 329	 Middle East Women Writers	3	COMM 350	 Practices of Cultural Studies	3
ASIA 350	 The Asian American Experience	3	COMM 360	 Social Media and Society	3
ASIA 353	 Southeast Asian North Carolina	3	COMM 524	 Gender, Communication, and Culture	3
ASIA 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3	COMM 526	 Critical-Cultural Approaches to Organizational Communication	3
ASIA 359	 Literary Diasporas of the Middle East	3	COMM 624	 Hate Speech	3
ASIA 360	 Contemporary Asian American Literature and Theory	3	DRAM 288	 Theatre for Social Change	3
ASIA 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	DRAM 488	 United States Latino/a Theatre	3
ASIA 429	 Culture and Power in Southeast Asia	3	ECON 486	 Gender and Economics	3
ASIA 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3	EDUC 320	 Navigating Education in Borderlands	3
ASIA 462	 The Arab-Jews: Culture, Community, and Coexistence	3	EDUC 375	 Identity and Sexuality	3
ASIA 471	 Gender and Sexuality in Middle Eastern Literature	3	EDUC 505	 Leadership in Educational/Nonprofit Settings	3
ASIA 485	 Gender and Sexuality in Islam	3	EDUC 506	 Politics, Policymaking, and America's Schools	3
ASIA 486	 Islam and Feminism/Islamic Feminism	3	EDUC 510	 Latinx Experience in Education	3
ASIA 587	 Islam and Sexual Diversity	3	EDUC 533	 Social Justice in Education	3
CHIN 480	 Queering China	3	EDUC 575	 Nurturing Latinx Identity Formation	3
CHIN 631	 Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	3	EDUC 576	 LatinxEd Internship	3
CLAS 243	 Race and Ethnicity in the Ancient Mediterranean	3	EDUC 611	 Black Families in Social and Contemporary Contexts	3
CLAS 263	 Athletics in the Greek and Roman Worlds <sup>H</sup>	3	ENEC 201	 Introduction to Environment and Society <sup>H</sup>	4
CMPL 180	 Race and Ethnicity in Hollywood Productions and Beyond	3	ENEC 325	 Water Resource Management and Human Rights <sup>H</sup>	3-4
CMPL 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3	ENGL 53	 First-Year Seminar: Slavery and Freedom in African American Literature and Film	3
CMPL 246	 Body Politics in Modern Korean Literature <sup>H</sup>	3	ENGL 55	 First-Year Seminar: Reading and Writing Women's Lives <sup>H</sup>	3
CMPL 252	 Popular Culture in Modern Southeast Asia	3	ENGL 59	 First-Year Seminar: Black Masculinity and Femininity	3
CMPL 258	 Iranian Prison Literature	3	ENGL 113	 Introduction to Critical Game Studies	3
CMPL 261	 India through Western Eyes	3	ENGL 129	 Literature and Cultural Diversity <sup>H</sup>	3
CMPL 359	 Literary Diasporas of the Middle East	3	ENGL 140	 Introduction to Gay and Lesbian Culture and Literature	3
CMPL 374	 Modern Women Writers	3	ENGL 164	 Introduction to Latina/o Studies <sup>H</sup>	3
CMPL 480	 Queering China	3	ENGL 248	 Intersectionality: Race, Gender, Sexuality, and Social Justice	3
CMPL 685	 Literature of the Americas	3	ENGL 265	 Literature and Race, Literature and Ethnicity <sup>H</sup>	3
COMM 61	 First-Year Seminar: The Politics of Performance	3	ENGL 267	 Growing Up Latina/o	3
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3	ENGL 269	 Introduction to Disability Studies	3
COMM 83	 First-Year Seminar: Networked Societies	3	ENGL 270	 Studies in Asian American Literature	3
COMM 318	 Cultural Diversity	3	ENGL 271	 Mixed-Race America: Race in Contemporary American Literature and Culture	3
			ENGL 360	 Contemporary Asian American Literature and Theory	3
			ENGL 362	 Asian American Literature and History <sup>H</sup>	3
			ENGL 367	 African American Literature to 1930 <sup>H</sup>	3

ENGL 370	 Race, Health, and Narrative <sup>H</sup>	3	GERM 466	 Language Remains: German-Jewish Dialogues and Beyond	3
ENGL 467	 Educating Latinas/os: Preparing SLI Mentors	3	GLBL 210	 Global Issues and Globalization	3
ENGL 638	 19th-Century Women Writers	3	GLBL 383	 Global Whiteness	3
ENGL 665	 Queer Latina/o Literature, Performance, and Visual Art	3	GLBL 401	 Right Wing Populism in Global Perspective <sup>H</sup>	3
ENGL 666	 Queer Latina/o Photography and Literature	3	GLBL 450	 Social Change in Times of Crisis: Knowledge, Action, and Ontology <sup>H</sup>	3
ENGL 685	 Literature of the Americas	3	GLBL 487	 Social Movements: Rethinking Globalization <sup>H</sup>	3
ENGL 687	 Queer LatinX Environmentalisms	3	GLBL 489	 Paradigms of Development and Social Change <sup>H</sup>	3
EURO 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3	GSLL 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3
EURO 257	 Politics, Society, and Culture in Postwar Germany	3	GSLL 286	 The Upright and the Toppled: Public Lives of Monuments in Europe and the American South	3
EURO 259	 Towards Emancipation? Women in Modern Europe	3	HIST 51	 First-Year Seminar: Latin American Revolutions	3
FOLK 77	 First-Year Seminar: The Poetic Roots of Hip-Hop: Hidden Histories of African American Rhyme <sup>H</sup>	3	HIST 72	 First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3
FOLK 370	 Southern Legacies: The Descendants Project	4	HIST 110	 Introduction to the Cultures and Histories of Native North America	3
FOLK 375	 Critical Food Studies: The South	3	HIST 120	 Sport and American History	3
FOLK 429	 Culture and Power in Southeast Asia	3	HIST 121	 History of Religion in North America	3
FOLK 476	 Graffiti, Gods, and Gardens: Urban Folklore	3	HIST 124	 United States History through Film	3
FOLK 480	 Vernacular Traditions in African American Music	4	HIST 125	 The Social History of Popular Music in 20th-Century America	3
FREN 262	 Cultural and Linguistic Diversity in the French-Speaking World	3	HIST 127	 American History to 1865	3
GEOG 67	 First-Year Seminar: Politics of Everyday Life	3	HIST 130	 Modern African History	3
GEOG 120	 World Regional Geography	3	HIST 144	 Women in the United States from Settlement to Present	3
GEOG 121	 Geographies of Globalization	3	HIST 210	 Global Issues and Globalization	3
GEOG 123	 Cultural Geography	3	HIST 235	 Native America in the 20th Century	3
GEOG 124	 Feminist Geographies	3	HIST 236	 Sex and American History	3
GEOG 130	 Development and Inequality: Global Perspectives	3	HIST 237	 Colonial American History to 1763	3
GEOG 210	 Global Issues and Globalization	3	HIST 238	 The American Revolution, 1763-1815	3
GEOG 228	 Urban Geography	3	HIST 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3
GEOG 259	 Society and Environment in Latin America	3	HIST 252	 Politics, Society, and Culture in Modern Germany (1871-1945)	3
GEOG 267	 South Asia	3	HIST 255	 Manor to Machine: The Economic Shaping of Europe	3
GEOG 293	 Freedom Farming	3	HIST 257	 Politics, Society, and Culture in Postwar Germany	3
GEOG 294	 Beyond Sustainability	3	HIST 259	 Towards Emancipation? Women in Modern Europe	3
GEOG 429	 Urban Political Geography: Durham, NC	3	HIST 262	 History of the Holocaust: The Destruction of the European Jews	3
GEOG 435	 Global Environmental Justice	3	HIST 263	 Gender and Religion in Premodern Europe <sup>H</sup>	3
GEOG 453	 Political Geography	3	HIST 279	 Modern South Africa <sup>H</sup>	3
GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3			
GEOG 470	 Political Ecology: Geographical Perspectives	3			
GERM 282	 Different than the Others: Stories of Queer German Liberation, 1864-2021	3			

HIST 280	 Women and Gender in Latin American History	3	MEJO 142	 Cultural Competency in Journalism and Strategic Communication	3
HIST 289	 America in the 1970s	3	MEJO 342	 The Black Press and United States History	3
HIST 312	 History of France and Algeria	3	MNGT 364	 History of American Business	3
HIST 360	 Ideas in Modern America <sup>H</sup>	3	MNGT 410	 Formal Organizations and Bureaucracy	3
HIST 364	 History of American Business	3	MNGT 427	 The Labor Force	3
HIST 377	 History of African Americans, 1865 to Present <sup>H</sup>	3	MUSC 147	 Introduction to the Music of the Américas	3
HIST 382	 The History of the Civil Rights Movement <sup>H</sup>	3	MUSC 188	 Introduction to Women and Music	3
HIST 384	 America in the Sixties <sup>H</sup>	3	MUSC 248	 Gender on the Musical Stage	3
HIST 385	 African American Women's History	3	NAVS 201	 Naval Leadership and Management	3
HIST 456	 The Holocaust, Genocide and Historical Methodology	3	NAVS 411	 Amphibious Warfare	3
HIST 585	 Race, Basketball, and the American Dream	3	NURS 301	 Foundations of Relationship-Centered Care and Diversity and Inclusion: Carolina Core I	3
ITAL 320	 Italian Cities and Cultures: History, Power, and Ecology	3	PHIL 57	 First-Year Seminar: Race and Affirmative Action	3
ITAL 340	 Italian America	3	PHIL 70	 First-Year Seminar: Gateway to Philosophy, Politics, and Economics	3
JWST 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3	PHIL 140	 Knowledge and Society <sup>H</sup>	3
JWST 60	 First-Year Seminar: Israeli Culture and Society: Collective Memories and Fragmented Identities	3	PHIL 145	 Language, Communication, and Human and Animal Minds <sup>H</sup>	3
JWST 224	 Modern Jewish Thought <sup>H</sup>	3	PHIL 211	 Perspectives on Gender, Race, and Marginality in Ancient Greek Philosophy, Science, and Medicine	3
JWST 253	 A Social History of Jewish Women in America	3	PHIL 272	 The Ethics of Peace, War, and Defense	3
JWST 262	 History of the Holocaust: The Destruction of the European Jews	3	PHIL 273	 Justice, Rights, and the Common Good: Philosophical Perspectives on Social and Economic Issues <sup>H</sup>	3
JWST 343	 Religion in Modern Israel	3	PHIL 274	 Race, Racism, and Social Justice: African-American Political Philosophy <sup>H</sup>	3
JWST 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3	PHIL 275	 Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3
JWST 420	 Post-Holocaust Ethics and Theology <sup>H</sup>	3	PHIL 276	 Ideology, Capitalism, and Critique	3
JWST 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	PHIL 280	 Morality, Law, and Justice: Issues in Legal Philosophy <sup>H</sup>	3
JWST 436	 Language, Exile, and Homeland in Zionist Thought and Practice	3	PHIL 282	 Human Rights: Philosophical Interrogations	3
JWST 462	 The Arab-Jews: Culture, Community, and Coexistence	3	PHIL 285	 Moral and Philosophical Issues in Education <sup>H</sup>	3
JWST 466	 Language Remains: German-Jewish Dialogues and Beyond	3	PLAN 52	 First-Year Seminar: Race, Sex, and Place in America	3
JWST 486	 The Jewish South: Race, Region, and Religion	3	PLAN 101	 Cities and Urban Life	3
JWST 533	 Women, Gender, and Judaism	3	PLAN 270	 Urban Inequality and Inclusion	3
KOR 237	 Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3	PLAN 670	 Planning Equitable Economies	3
KOR 327	 Korean Diasporas	3	PLCY 54	 First-Year Seminar: U.S. Immigration	3
KOR 346	 Body Politics in Modern Korean Literature <sup>H</sup>	3	PLCY 71	 First-Year Seminar: Justice and Inequality <sup>H</sup>	3
LING 145	 Language, Communication, and Human and Animal Minds <sup>H</sup>	3	PLCY 76	 First-Year Seminar: Global Health Policy <sup>H</sup>	3
LING 302	 Language and Power	3	PLCY 87	 First-Year Seminar: Education in a Multicultural Society	3
LING 305	 Race against Time: Language Revitalization	3	PLCY 220	 The Politics of Public Policy <sup>H</sup>	3

PLCY 360	 State and Local Politics	3	PWAD 453	 Political Geography	3
PLCY 365	 Sexuality, Gender, and Public Policy	3	PWAD 462	 The Arab-Jews: Culture, Community, and Coexistence	3
PLCY 483	 Natural Disasters, Inequality, and Public Policy	3	PWAD 483	 Conflict, Development, and U.S. Foreign Policy	3
POLI 50	 First-Year Seminar: Movies and Politics	3	RELI 61	 First-Year Seminar: Religion, Magic, and Science	3
POLI 63	 First-Year Seminar: Social Movements and Political Protest and Violence	3	RELI 85	 First-Year Seminar: Sex, Marriage, and Family in Religion	3
POLI 76	 First-Year Seminar: The Obama Presidency	3	RELI 135	 Religion, Ethics, and Technology	3
POLI 201	 Politics of Bureaucracy <sup>H</sup>	3	RELI 141	 African American Religions <sup>H</sup>	3
POLI 203	 Race, Innocence, and the Decline of the Death Penalty	4	RELI 164	 Heresy and Inquisition: Religion, Ethics, Marginalization	3
POLI 204	 Introduction to Southern Politics	3	RELI 185	 Women/Gender/Islam <sup>H</sup>	3
POLI 205	 Politics in the U.S. States <sup>H</sup>	3	RELI 215	 Eastern Christian Cultures: Middle East, Asia, Africa, and Eastern Europe	3
POLI 206	 Race and the Right to Vote in the United States	3	RELI 224	 Modern Jewish Thought <sup>H</sup>	3
POLI 208	 Political Parties and Elections <sup>H</sup>	3	RELI 244	 Gender and Sexuality in Western Christianity <sup>H</sup>	3
POLI 210	 Global Issues and Globalization	3	RELI 246	 Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3
POLI 217	 Women and Politics	3	RELI 248	 Introduction to American Islam <sup>H</sup>	3
POLI 220	 Race, Ethnicity, and Electoral Representation in the United States	3	RELI 263	 Gender and Religion in Premodern Europe <sup>H</sup>	3
POLI 232	 Politics of the United Kingdom <sup>H</sup>	3	RELI 338	 Religion in American Law	3
POLI 238	 Politics of the Global South: Latin America <sup>H</sup>	3	RELI 343	 Religion in Modern Israel	3
POLI 248	 Intersectionality: Race, Gender, Sexuality, and Social Justice	3	RELI 345	 Black Atlantic Religions <sup>H</sup>	3
POLI 257	 Politics, Society, and Culture in Postwar Germany	3	RELI 368	 Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
POLI 265	 Feminism and Political Theory	3	RELI 385	 Modern Muslims and the Qur'an	3
POLI 272	 The Ethics of Peace, War, and Defense	3	RELI 420	 Post-Holocaust Ethics and Theology <sup>H</sup>	3
POLI 333	 Race and Public Policy in the United States	3	RELI 424	 Gender Theory and the Study of Religion	3
POLI 405	 Local Politics in the United States	3	RELI 448	 Native and Christian: Indigenous Engagements with Christianity	3
POLI 475	 Environmental Political Theory	3	RELI 452	 Documenting Religion	3
PORT 382	 Women Writers: Brazil and Beyond	3	RELI 485	 Gender and Sexuality in Islam	3
PORT 385	 Verbal Art, Identities, and Nation in Portuguese-Speaking Africa	3	RELI 486	 Islam and Feminism/Islamic Feminism	3
PSYC 573	 Psychology of Women and Gender	3	RELI 514	 Judaism and the Search for Christian Origins	3
PWAD 120	 World Regional Geography	3	RELI 533	 Women, Gender, and Judaism	3
PWAD 220	 The Politics of Public Policy <sup>H</sup>	3	RELI 580	 African American Islam	3
PWAD 238	 The American Revolution, 1763-1815	3	RELI 586	 Women and Gender in Japanese Religions	3
PWAD 250	 Introduction to Peace and Security Studies	3	RELI 587	 Islam and Sexual Diversity	3
PWAD 251	 The Thirty Years War (1618-1648): Europe in an Age of Crisis	3	RELI 620	 Feminism and Religion	3
PWAD 262	 History of the Holocaust: The Destruction of the European Jews	3	SOCI 100	 Sociological Perspective Through Documentary Film	3
PWAD 272	 The Ethics of Peace, War, and Defense	3	SOCI 101	 Sociological Perspectives <sup>H</sup>	3
PWAD 312	 History of France and Algeria	3	SOCI 122	 Race and Ethnicity	3
PWAD 425	 Beyond Hostilities: Israeli-Palestinian Exchanges and Partnerships in Film, Literature, and Music	3	SOCI 124	 Sex and Gender in Society	3

SOCI 172	Introduction to Population Health in the United States	3	WGST 373	Modern Women Writers	3
SOCI 410	Formal Organizations and Bureaucracy	3	WGST 382	African American Women's History	3
SOCI 422	Sociology of Mental Health and Illness	3	WGST 388	The International Politics of Sexual and Reproductive Health	3
SOCI 427	The Labor Force	3	WGST 410	Comparative Queer Politics	3
WGST 51	First-Year Seminar: Race, Sex, and Place in America	3	WGST 424	Gender Theory and the Study of Religion	3
WGST 101	Introduction to Women's Studies <sup>H</sup>	3	WGST 443	Cultures and Politics of Reproduction	3
WGST 111	Introduction to Sexuality Studies <sup>H</sup>	3	WGST 445	Migration and Health	3
WGST 124	Sex and Gender in Society	3	WGST 458	Archaeology of Sex and Gender	3
WGST 140	Introduction to Gay and Lesbian Culture and Literature	3	WGST 471	Gender and Sexuality in Middle Eastern Literature	3
WGST 144	Women in the United States from Settlement to Present	3	WGST 480	Queering China	3
WGST 167	Gender, Sexuality, and Social Justice in South Asia	3	WGST 524	Gender, Communication, and Culture	3
WGST 188	Introduction to Women and Music	3	WGST 533	Women, Gender, and Judaism	3
WGST 202	Introduction to Feminist Thought	3	WGST 573	Psychology of Women and Gender	3
WGST 211	Introduction to Latina Feminisms: Literature, Theory, and Activism	3	WGST 665	Queer Latina/o Literature, Performance, and Visual Art	3
WGST 217	Women and Politics	3	WGST 666	Queer Latina/o Photography and Literature	3
WGST 230	Women in Contemporary Art: A Field Study	3			
WGST 233	Introduction to Latina Literature	3			
WGST 237	Rebel, Lover, Martyr: Gender and Sexuality in North and South Korean Screen Cultures	3			
WGST 244	Gender and Sexuality in Western Christianity <sup>H</sup>	3			
WGST 248	Gender on the Musical Stage	3			
WGST 249	Intersectionality: Race, Gender, Sexuality, and Social Justice	3			
WGST 253	A Social History of Jewish Women in America	3			
WGST 259	Towards Emancipation? Women in Modern Europe	3			
WGST 265	Feminism and Political Theory	3			
WGST 266	Black Women in America	3			
WGST 270	Introduction to Transgender Studies	3			
WGST 275	Moral and Philosophical Issues of Gender in Society <sup>H</sup>	3			
WGST 280	Women and Gender in Latin American History	3			
WGST 302	Language and Power	3			
WGST 329	Middle East Women Writers	3			
WGST 330	Women's Health Activism in Twentieth Century America	3			
WGST 340	Leadership in Violence Prevention	3			
WGST 365	Sexuality, Gender, and Public Policy	3			
WGST 370	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3			

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Quantitative Reasoning

























Quantitative Reasoning (FC-QUANT) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 1164).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).

Code	Title	Hours
<b>Approved Courses</b>		
ANTH 520	Linguistic Phonetics	3
ANTH 680	Quantitative Methods in Archaeology	3
ASTR 100	Understanding the Universe	3
ASTR 101	Introduction to Astronomy: The Solar System <sup>H</sup>	3
ASTR 102	Introduction to Astronomy: Stars, Galaxies & Cosmology <sup>H</sup>	3
ASTR 103	Alien Life in the Universe	3
BIOL 115	Reasoning with Data: Navigating a Quantitative World	3
BIOL 222	Introduction to Programming with Biological Data	3
BIOL 544L	Laboratory in Diseases of the Cytoskeleton	3
COMP 110	Introduction to Programming and Data Science <sup>H</sup>	3
COMP 283	Discrete Structures <sup>H</sup>	3
COMP 550	Algorithms and Analysis	3

ECON 400	Introduction to Data Science and Econometrics H	4	MEJO 379	Advertising and Public Relations Research	3
ECON 470	Econometrics <sup>H</sup>	3	MEJO 479	Market Intelligence <sup>H</sup>	3
EMES 203	Data Analysis for Earth, Marine, and Environmental Sciences	3	MEJO 570	Data Driven Journalism	3
ENEC 203	Introduction to Environmental Science Problem Solving	3	NAVS 301	Naval Ships Engineering Systems	3
ENEC 473	Business and Finance Fundamentals for Change Makers	3	NAVS 302	Naval Weapons Systems	3
ENGL 482	Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3	NSCI 419	Behavioral Endocrinology	3
ENVR 135	Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health	3	PHIL 105	How to Reason and Argue: An Introduction to Critical Thinking	3
ENVR 335	Adv Environ-ECUIPP Lab: Connecting with Communities Through Environmental Research for PH Protection	3	PHIL 155	Truth and Proof: Introduction to Mathematical Logic <sup>H</sup>	3
GEOG 215	Introduction to Spatial Data Science	3	PHIL 157	Logic and Decision Theory <sup>H</sup>	3
GEOG 370	Introduction to Geographic Information	3	PHIL 251	Inductive Logic and the Scientific Method	3
GEOG 410	Modeling of Environmental Systems	3	PHIL 357	Induction, Probability, and Confirmation	3
GEOG 456	Geovisualizing Change	3	PHIL 455	Symbolic Logic	3
GEOG 477	Introduction to Remote Sensing of the Environment	3	PHIL 456	Advanced Symbolic Logic	3
GEOG 567	Geospatial Data Analysis with Google Earth Engine	3	PHYS 55	First-Year Seminar: Introduction to Mechatronics	4
GEOG 577	Advanced Remote Sensing	3	PHYS 101	Basic Concepts of Physics	4
GEOG 591	Applied Issues in Geographic Information Systems	3	PHYS 106	Inquiry into the Physical World	4
GEOG 592	Geographic Information Science Programming	3	PHYS 114	General Physics I: For Students of the Life Sciences	4
LING 333	Human Language and Animal Communication Systems	3	PHYS 115	General Physics II: For Students of the Life Sciences	4
LING 401	Language and Computers	3	PHYS 118	Introductory Calculus-based Mechanics and Relativity <sup>H</sup>	4
LING 520	Linguistic Phonetics	3	PHYS 119	Introductory Calculus-based Electromagnetism and Quanta <sup>H</sup>	4
LING 558	Ancient Mayan Hieroglyphs	3	PHYS 231	Physical Computing <sup>H</sup>	4
MATH 115	Reasoning with Data: Navigating a Quantitative World	3	PLAN 363	Personal Finance, Wealth Building, and Public Policy	3
MATH 116	Intuitive Calculus	3	PLCY 460	Quantitative Analysis for Public Policy <sup>H</sup>	4
MATH 117	Aspects of Finite Mathematics	3	PLCY 505	Data Science for Public Policy and Decision Making	4
MATH 118	Aspects of Modern Mathematics	3	POLI 209	Analyzing Public Opinion <sup>H</sup>	3
MATH 119	Introduction to Mathematical Modeling	3	POLI 281	Data in Politics I: An Introduction	3
MATH 130	Precalculus Mathematics	3	POLI 287	Strategy and International Relations	3
MATH 152	Calculus for Business and Social Sciences	3	POLI 288	Strategy and Politics	3
MATH 210	Mathematical Tools for Data Science	3	POLI 439	Analyzing European Public Opinion	3
MATH 231	Calculus of Functions of One Variable I <sup>H</sup>	4	PSYC 115	Reasoning with Data: Navigating a Quantitative World	3
MATH 232	Calculus of Functions of One Variable II <sup>H</sup>	4	PSYC 210	Statistical Principles of Psychological Research <sup>H</sup>	3
MATH 233	Calculus of Functions of Several Variables <sup>H</sup>	4	PSYC 535	Programming for Psychologists: Computational Tools for Psychological Research	3
MATH 235	Mathematics for Data Science	4	PWAD 287	Strategy and International Relations	3
			SOCI 180	Introduction to Global Population Health	3














































SOCI 251	 Research Methods	3	AMST 231	 Native American History: The East	3
SOCI 252	 Data Analysis	3	AMST 234	 Native American Tribal Studies <sup>H</sup>	3
STOR 113	 Decision Models for Business and Economics	3	AMST 287	 Introduction to American Legal Education	3
STOR 115	 Reasoning with Data: Navigating a Quantitative World	3	AMST 320	 Critical Issues and Theories in American Studies	3
STOR 120	 Foundations of Statistics and Data Science	4	AMST 341	 Digital Native America	3
STOR 151	 Introduction to Data Analysis	3	AMST 374	 America's Threatened Languages	3
STOR 155	 Introduction to Data Models and Inference	3	AMST 375	 Critical Food Studies: The South	3
STOR 215	 Foundations of Decision Sciences	3	AMST 392	 Radical Communities in Twentieth Century American Religious History	3
STOR 235	 Mathematics for Data Science	4	AMST 489	 Writing Material Culture	3
STOR 305	 Introduction to Decision Analytics	3	AMST 512	 Race and American Law	3
STOR 315	 Discrete Mathematics for Data Science	4	ANTH 53	 First-Year Seminar: Darwin's Dangerous Idea <sup>H</sup>	3
STOR 320	 Introduction to Data Science	4	ANTH 62	 First-Year Seminar: Indian Country Today	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Ways of Knowing

Ways of Knowing (FC-KNOWING) is a required Focus Capacity course in the IDEAs in Action curriculum (p. 1164).

A single course may be used to fulfill only one Focus Capacity requirement (not including lab).





































































Code	Title	Hours
<b>Approved Courses</b>		
AAAD 54	 First-Year Seminar: African Migrations, Boundaries, Displacements, and Belonging	3
AAAD 200	 Gender and Sexuality in Africa	3
AAAD 201	 Introduction to African Literature	3
AAAD 214	 Africa through the Ethnographic Lens	3
AAAD 300	 Cultures of Health and Healing in Africa	3
AAAD 303	 Islamic Cultures of Contemporary Africa	3
AAAD 329	 Islamic Cultures and Literatures in Africa	3
AAAD 330	 20th-Century African American Art	3
AAAD 335	 Structure of African American English	3
AAAD 387	 HIV/AIDS in Africa and the Diaspora	3
AAAD 421	 Introduction to the Languages of Africa	3
AAAD 430	 African American Intellectual History	3
AMST 55	 First-Year Seminar: Birth and Death in the United States <sup>H</sup>	3
AMST 102	 Myth and History in American Memory	3
AMST 203	 Approaches to American Indian Studies	3
AMST 211	 Approaches to Southern Studies: The Literary and Cultural Worlds of the American South	3
AMST 220	 On the Question of the Animal: Contemporary Animal Studies	3
AMST 231	 Native American History: The East	3
AMST 234	 Native American Tribal Studies <sup>H</sup>	3
AMST 287	 Introduction to American Legal Education	3
AMST 320	 Critical Issues and Theories in American Studies	3
AMST 341	 Digital Native America	3
AMST 374	 America's Threatened Languages	3
AMST 375	 Critical Food Studies: The South	3
AMST 392	 Radical Communities in Twentieth Century American Religious History	3
AMST 489	 Writing Material Culture	3
AMST 512	 Race and American Law	3
ANTH 53	 First-Year Seminar: Darwin's Dangerous Idea <sup>H</sup>	3
ANTH 62	 First-Year Seminar: Indian Country Today	3
ANTH 67	 First-Year Seminar: Blackness and Racialization: A Multidimensional Approach	3
ANTH 101	 General Anthropology <sup>H</sup>	3
ANTH 102	 Introduction to Cultural Anthropology	3
ANTH 121	 Ancient Cities of the Americas	3
ANTH 147	 Comparative Healing Systems	3
ANTH 194	 Anthropology and Community Development	3
ANTH 202	 Everyday Cultures: Folklore in America	3
ANTH 203	 Approaches to American Indian Studies	3
ANTH 214	 Medicine in the Arab World	3
ANTH 220	 Principles of Archaeology	3
ANTH 234	 Native American Tribal Studies <sup>H</sup>	3
ANTH 237	 Food, Environment, and Sustainability	3
ANTH 270	 Living Medicine	3
ANTH 278	 Women in Science	3
ANTH 280	 Anthropology of War and Peace	3
ANTH 284	 Culture and Consumption	3
ANTH 291	 Archaeological Theory and Practice	3
ANTH 294	 Anthropological Perspectives on Society and Culture	3
ANTH 298	 Biological Anthropology Theory and Practice	3
ANTH 315	 Human Genetics and Evolution	3
ANTH 325	 Emotions and Society	3
ANTH 326	 Practicing Medical Anthropology	3
ANTH 328	 Anthropology of Care	3
ANTH 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3
ANTH 331	 The Anthropology of Memory	3
ANTH 347	 Anthropology of Travel and Tourism	3

ANTH 354	Everyday Lives in the Middle East: Anthropological Perspectives	3	ASIA 183	Asian Religions	3
ANTH 355	Life, Society and Work in the Globalized City	3	ASIA 229	Breakdancers, Vocaloids, and Gamers: East Asian Youth Cultures	3
ANTH 405	Mental Health, Psychiatry, and Culture	3	ASIA 231	Bollywood Cinema	3
ANTH 406	Native Writers	3	ASIA 279	Islamic Law, Ethics, and Practice	3
ANTH 424	Ritual, Festival, and Public Culture	3	ASIA 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3
ANTH 427	Race	3	ASIA 300	The Buddhist Tradition: India, Nepal, and Tibet	3
ANTH 430	War, Medicine, and the Military	3	ASIA 302	Modern Japanese Religions	3
ANTH 432	Science and Society in the Middle East	3	ASIA 330	Melancholy Japan: Myth, Memory, and Everyday Life	3
ANTH 449	Anthropology and Marxism	3	ASIA 332	The Story of Rama in India	3
ANTH 503	Gender, Culture, and Development	3	ASIA 333	The Mahabharata: Remembered and Reimagined	3
ANTH 582	Fieldwork with Social Models of Well-Being	3	ASIA 382	The Story of Rama in Indian Culture--Experiential	3
ANTH 624	Anthropology and Public Health	3	ASIA 383	The Mahabharata: Remembered and Reimagined--Experiential	3
ARAB 150	Introduction to Arab Cultures	3	ASIA 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
ARAB 151	Arabic Literature through the Ages	3	ASIA 489	Animals in Japanese Religion	3
ARAB 214	Medicine in the Arab World	3	ASIA 522	Beauty and Power in the Classical Indian World	3
ARAB 255	Arab World Photography	3	ASTR 105	Time, Tides, and the Measurement of the Cosmos <sup>H</sup>	3
ARAB 354	Everyday Lives in the Middle East: Anthropological Perspectives	3	ASTR 205	The Medieval Foundations of Modern Cosmology	3
ARAB 432	Science and Society in the Middle East	3	BMME 398	Biomedical Engineering Design and Manufacturing II <sup>H</sup>	2
ARAB 434	Modern Arabic Literature in Translation	3	BUSI 405	Leading and Managing: An Introduction to Organizational Behavior	3
ARAB 453	Film, Nation, and Identity in the Arab World	3	CHIN 150	Introduction to Chinese Civilization	3
ARTH 150	The Visual World <sup>H</sup>	3	CHIN 253	Chinese Language and Society	3
ARTH 210	The Visual Culture of News, Past and Present	3	CHIN 255	Bandit or Hero: Outlawry in Chinese Literature and Films	3
ARTH 253	Art History in Motion: Looking, Hearing, Sensing	3	CHIN 407	Readings in Modern Chinese I	3
ARTH 387	20th-Century African American Art	3	CHIN 408	Readings in Modern Chinese II	3
ARTS 364	The Walking Seminar: A Territorial Investigation	3	CHIN 463	Narrative Ethics in Modern China	3
ASIA 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3	CHIN 464	The City in Modern Chinese Literature and Film	3
ASIA 57	First-Year Seminar: Dis-Orienting the Orient	3	CHIN 551	Chinese Poetry in Translation	3
ASIA 59	First-Year Seminar: Media Masala: Popular Music, TV, and the Internet in Modern India and Pakistan	3	CHIN 562	Contemporary Chinese Urban Culture and Arts	3
ASIA 65	First-Year Seminar: Philosophy on Bamboo: Rethinking Early Chinese Thought	3	CLAR 110	The Archaeology of Palestine in the New Testament Period	3
ASIA 73	First-Year Seminar: Popular Culture in the Arab World	3	CLAR 475	Provinces and Frontiers of the Roman Empire	3
ASIA 74	First-Year Seminar: Imagining Palestine	3	CLAR 492	Archaeology of Greek Sanctuaries	3
ASIA 75	First-Year Seminar: Love in China	3	CLAR 512	Ancient Synagogues	3
ASIA 135	History of the Indian Subcontinent to 1750	3	CLAS 61	First-Year Seminar: Writing the Past <sup>H</sup>	3
ASIA 150	Asia: An Introduction	3			
ASIA 152	Survey of South Asian Cultural History	3			
ASIA 163	Hindi-Urdu Poetry in Performance	3			
ASIA 164	Music of South Asia	3			
ASIA 180	Introduction to Islamic Civilization	3			

CLAS 67	 First-Year Seminar: Helen of Troy: From Homer to Hollywood	3	CMPL 547	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3
CLAS 131	 Classical Mythology <sup>H</sup>	3	COMM 160	 Introduction to Performance Studies <sup>H</sup>	3
CLAS 240	 Women in Greek Art and Literature <sup>H</sup>	3	COMM 325	 Introduction to Organizational Communication <sup>H</sup>	3
CLAS 241	 Women in Ancient Rome <sup>H</sup>	3	COMM 345	 Gender and Film	3
CLAS 243	 Race and Ethnicity in the Ancient Mediterranean	3	COMM 350	 Practices of Cultural Studies	3
CLAS 363	 Latin and Greek Lyric Poetry in Translation <sup>H</sup>	3	COMM 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
CLAS 365	 The Lives of Others from Herodotus to Tacitus	3	COMM 412	 Critical Theory	3
CLAS 409	 Greek and Roman Historians <sup>H</sup>	3	COMM 422	 Family Communication <sup>H</sup>	3
CMPL 55	 First-Year Seminar: Comics as Literature	3	COMM 450	 Media and Popular Culture	3
CMPL 130	 Great Books II <sup>H</sup>	3	COMM 453	 The History of New Media Technology in Everyday Life	3
CMPL 131	 Great Books II: Savage, Native, Stranger, Other	3	COMM 466	 Advanced Study in Performing Literature	3
CMPL 132	 Great Books II: Performance and Cultural Identity in the African Diaspora	3	COMM 499	 The Dark Side of Interpersonal Communication	3
CMPL 134	 Great Books II: Travel and Identity <sup>H</sup>	3	COMM 526	 Critical-Cultural Approaches to Organizational Communication	3
CMPL 144	 Engaging Film and Media	3	ECON 55	 First-Year Seminar: Economics of Sports <sup>H</sup>	3
CMPL 150	 Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship	3	ECON 100	 Economic Principles	3
CMPL 230	 Global Crusoe: The Desert-Island Idea in Film and Fiction	3	ECON 101	 Introduction to Economics <sup>H</sup>	4
CMPL 240	 Introduction to Film Theory	3	ECON 111	 The Economics of Entrepreneurship and Innovation	3
CMPL 250	 Approaches to Comparative Literature <sup>H</sup>	3	ECON 345	 Public Policy Toward Business	3
CMPL 251	 Introduction to Literary Theory	3	ECON 410	 Intermediate Microeconomics <sup>H</sup>	4
CMPL 254	 Horror and the Global Gothic: Film, Literature, Theory	3	EDUC 181	 Introduction to Human Development and Family Science	3
CMPL 259	 Ideology and Aesthetics: Marxism and Literature	3	EDUC 231	 The Science of Well-Being	3
CMPL 260	 Landscape: Re-Imagining the Natural World	3	EDUC 311	 Life-Career Design	3
CMPL 267	 Contemporary German and Austrian Cinema	3	EDUC 330	 The Science of Learning	3
CMPL 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3	EDUC 349	 Adulthood	3
CMPL 280	 Film Genres	3	EDUC 401	 Childhood Development: Prenatal Birth to Age 12	3
CMPL 382	 Film and Nature	3	EDUC 411	 Making Liberal Arts "Work"	3
CMPL 386	 Adolescence in 20th- and 21st-Century Literature	3	EDUC 501	 Adolescent and Adulthood Development: A Cross-Cultural	3
CMPL 420	 Film, Photography, and the Digital Image	3	EDUC 505	 Leadership in Educational/Nonprofit Settings	3
CMPL 454	 Literature of the Continental Renaissance in Translation <sup>H</sup>	3	EDUC 508	 Equity, Leadership, and You	3
CMPL 462	 Realism and Naturalism	3	EDUC 510	 Latinx Experience in Education	3
CMPL 463	 Cinema and Surrealism	3	EDUC 528	 Exceptionality Across the Life Span	3
CMPL 466	 Modernism	3	EDUC 529	 Education in American Society	3
CMPL 468	 Aestheticism	3	EDUC 530	 Free-Choice Learning in Informal Environments	3
CMPL 470	 Concepts and Perspectives of the Tragic	3	EDUC 532	 Human Development and Learning	3
CMPL 487	 Literature and the Arts of Love	3	EDUC 575	 Nurturing Latinx Identity Formation	3
			EDUC 576	 LatinxEd Internship	3

ENEC 237	 Food, Environment, and Sustainability	3	ENGL 292	 Youth in Culture	3
ENGL 52	 First-Year Seminar: Computers and English Studies <sup>H</sup>	3	ENGL 304	 Advanced Business Communication	3
ENGL 73	 First-Year Seminar: Literature of War from World War I to the 21st Century	3	ENGL 317	 Writing and Social Networks	3
ENGL 86	 First-Year Seminar: The Cities of Modernism	3	ENGL 346	 U.S. Literature on Page and Screen <sup>H</sup>	3
ENGL 87	 First-Year Seminar: Jane Austen, Then and Now <sup>H</sup>	3	ENGL 373	 Southern American Literature <sup>H</sup>	3
ENGL 114	 The Rhetoric of Data	3	ENGL 377	 Introduction to the Celtic Cultures	3
ENGL 115	 History of the English Language	3	ENGL 380	 Topics In Film History <sup>H</sup>	3
ENGL 117	 Arguing on the Internet: Rhetoric in the Age of Social Media	3	ENGL 381	 Literature and Cinema	3
ENGL 121	 British Literature, 19th and Early 20th Century <sup>H</sup>	3	ENGL 382	 Literature and Media <sup>H</sup>	3
ENGL 123	 Introduction to Fiction <sup>H</sup>	3	ENGL 388	 Modernism: Movements and Moments	3
ENGL 124	 Contemporary Literature	3	ENGL 389	 Major Film Directors	3
ENGL 125	 Introduction to Poetry	3	ENGL 400	 Advanced Composition for Teachers	3
ENGL 126	 Introduction to Drama	3	ENGL 410	 Documentary Film <sup>H</sup>	3
ENGL 128	 Major American Authors	3	ENGL 444	 American Literature, 1860-1900--Contemporary Issues <sup>H</sup>	3
ENGL 135H	 First-Year Honors: Types of Literature	3	ENGL 447	 Memory and Literature	3
ENGL 142	 Film Analysis <sup>H</sup>	3	ENGL 466	 Literary Theory--Contemporary Issues <sup>H</sup>	3
ENGL 143	 Film and Culture	3	ENGL 487	 Everyday Stories: Personal Narrative and Legend	3
ENGL 144	 Popular Genres	3	ENGL 488	 Critical Security Studies	3
ENGL 146	 Science Fiction/Fantasy/Utopia	3	ENGL 494	 Research Methods in Film Studies	3
ENGL 147	 Mystery Fiction	3	ENGL 610	 Practicum in Health Humanities	3
ENGL 148	 Horror	3	ENGL 611	 Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3
ENGL 150	 Introductory Seminar in Literary Studies	3	FOLK 202	 Everyday Cultures: Folklore in America	3
ENGL 155	 The Visual and Graphic Narrative	3	FOLK 375	 Critical Food Studies: The South	3
ENGL 161	 Literature of War from World War I to the 21st Century	3	FOLK 380	 Traditions in Transition: Jewish Folklore and Ethnography	3
ENGL 163	 Introduction to Health Humanities	3	FOLK 424	 Ritual, Festival, and Public Culture	3
ENGL 202	 Everyday Cultures: Folklore in America	3	FOLK 487	 Everyday Stories: Personal Narrative and Legend	3
ENGL 218	 American Poetry <sup>H</sup>	3	FREN 65	 First-Year Seminar: La mode: Fashion in French Culture	3
ENGL 219	 The American Novel <sup>H</sup>	3	FREN 255	 Conversation I <sup>H</sup>	3
ENGL 221	 American Literature, 1900-2000 <sup>H</sup>	3	FREN 260	 Literature and the French-Speaking World <sup>H</sup>	3
ENGL 255	 Introduction to Media Studies	3	FREN 350	 Current Societal Issues: France and Beyond	3
ENGL 261	 An Introduction to Literary Criticism <sup>H</sup>	3	GEOG 50	 First-Year Seminar: Mountain Environments <sup>H</sup>	3
ENGL 266	 Science and Literature <sup>H</sup>	3	GEOG 63	 First-Year Seminar: The Problem with Nature and Its Preservation <sup>H</sup>	3
ENGL 268	 Medicine, Literature, and Culture <sup>H</sup>	3	GEOG 65	 First-Year Seminar: Climate Change in the Media <sup>H</sup>	3
ENGL 269	 Introduction to Disability Studies	3	GEOG 67	 First-Year Seminar: Politics of Everyday Life	3
ENGL 274	 Drama: PlayMakers Current Season	3	GEOG 123	 Cultural Geography	3
ENGL 278	 Irish Writing, 1800-2000	3	GEOG 141	 Geography for Future Leaders	3
ENGL 284	 Reading Children's Literature <sup>H</sup>	3	GEOG 268	 Geography of Africa	3
ENGL 288	 Literary Modernism	3			
ENGL 291	Picture Books <sup>H</sup>	3			

GEOG 293	 Freedom Farming	3	HIST 231	 Native American History: The East	3
GEOG 294	 Beyond Sustainability	3	HIST 234	 Native American Tribal Studies <sup>H</sup>	3
GEOG 424	 Geographies of Religion	3	HIST 305	 Elizabeth I and her World: Gender, Power, and the Beginnings of the Global	3
GEOG 453	 Political Geography	3	HIST 434	 Medieval England	3
GEOG 456	 Geovisualizing Change	3	HIST 437	 Aristocratic Culture in the Central Middle Ages	3
GEOG 460	 Geographies of Economic Change	3	HIST 438	 Medieval Masculinities, 500-1200 <sup>H</sup>	3
GEOG 470	 Political Ecology: Geographical Perspectives	3	HIST 443	 Settler Colonialism in Global Perspective	3
GEOG 543	 Qualitative Methods in Geography	3	HIST 445	 Humanitarianism in Historical Perspective	3
GEOG 697	 Capstone Seminar in Geographic Research	3	HIST 457	 Liberalism, Socialism, and Fascism in Europe	3
GERM 227	 Luther and the Bible	3	HIST 488	 Global Intellectual History <sup>H</sup>	3
GERM 245	 Marx, Nietzsche, and Freud	3	HNUR 305	 Advanced Hindi-Urdu I	3
GERM 267	 Contemporary German and Austrian Cinema	3	HNUR 411	 Health and Medicine in South Asia	3
GERM 279	 Once Upon A Fairy Tale: Fairy Tales and Childhood, Then and Now	3	INLS 151	 Retrieving and Analyzing Information	3
GERM 280	 20th-Century German Philosophy and Modern Youth Cultures	3	INLS 201	 Foundations of Information Science	3
GERM 301	 Advanced Applied German: Life, Work, Fun	3	INLS 384	 Information and Computer Ethics	3
GERM 370	 German Intellectual History	3	ITAL 343	 Italian Culture Today: Modern Italy as a Nation 1860 to Present	3
GLBL 110	 Global Policy Issues <sup>H</sup>	3	ITAL 359	 Medieval Frauds: Fake News, Counterfeits, and Forgeries	3
GLBL 450	 Social Change in Times of Crisis: Knowledge, Action, and Ontology <sup>H</sup>	3	JAPN 160	 Introduction to Japanese Literature in Translation	3
GSLI 52	 First-Year Seminar: Nature and Death: Ecological Crises in German Literature and Film	3	JAPN 162	 Japanese Popular Culture	3
GSLI 68	 First-Year Seminar: Intensity, Vitality, Ecstasy: Affects in Literature, Film, and Philosophy <sup>H</sup>	3	JAPN 277	 Empire of Sex: Eroticism, Mass Culture, and Geopolitics in Japan, 1945-Present	3
GSLI 259	 Ideology and Aesthetics: Marxism and Literature	3	JAPN 482	 Embodying Japan: The Cultures of Beauty, Sports, and Medicine in Japan	3
HEBR 305	 Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions	3	JAPN 563	 Structure of Japanese	3
HEBR 306	 Advanced Composition and Conversation: Zionism and the Hebrew Language	3	JWST 103	 Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3
HIST 53	 First-Year Seminar: Traveling to European Cities: American Writers/Cultural Identities, 1830-2000	3	JWST 106	 Introduction to Early Judaism	3
HIST 101	 A History of Lies, Conspiracies, and Misinformation	3	JWST 110	 The Archaeology of Palestine in the New Testament Period	3
HIST 107	 Medieval History	3	JWST 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
HIST 108	 Introduction to Early Medieval History 500-1050	3	JWST 305	 Advanced Composition and Conversation: Immigration, Ethnicities, and Religious Traditions	3
HIST 135	 History of the Indian Subcontinent to 1750	3	JWST 306	 Advanced Composition and Conversation: Zionism and the Hebrew Language	3
HIST 163	 Modern Central Asia <sup>H</sup>	3	JWST 380	 Traditions in Transition: Jewish Folklore and Ethnography	3
HIST 164	 Victorian Britain: From Slavery to South African War	3	JWST 503	 Exploring the Dead Sea Scrolls <sup>H</sup>	3
HIST 165	 20th Century Britain: from the Great War to Brexit	3	JWST 512	 Ancient Synagogues	3
HIST 180	 Genocide in Global Perspective	3	JWST 533	 Women, Gender, and Judaism	3
HIST 228	 Medieval Science	3	KOR 151	 Education and Social Changes in Contemporary Korea	3
HIST 229	 The History of London 43 - 1666 <sup>H</sup>	3			

KOR 447	 Documenting Diasporas: Korean Diasporas in Films and Documentaries	3	PHIL 134	 Reason, Faith, and God: Philosophy of Western Religion <sup>H</sup>	3
LING 101	 Introduction to Language <sup>H</sup>	3	PHIL 140	 Knowledge and Society <sup>H</sup>	3
LING 145	 Language, Communication, and Human and Animal Minds <sup>H</sup>	3	PHIL 143	 AI and the Future of Humanity: Philosophical Issues about Technology and Human Survival <sup>H</sup>	3
LING 203	 Language Acquisition and Development	3	PHIL 145	 Language, Communication, and Human and Animal Minds <sup>H</sup>	3
LING 225	 Busting Language Myths	3	PHIL 150	 Theory, Evidence, and Understanding in Science <sup>H</sup>	3
LING 335	 Structure of African American English	3	PHIL 154	 Philosophy of the Social Sciences	3
LING 360	 Introduction to Hispanic Linguistics	3	PHIL 157	 Logic and Decision Theory <sup>H</sup>	3
LING 376	 Spanish Phonetics and Phonology	3	PHIL 160	 Virtue, Value, and Happiness: An Introduction to Moral Theory <sup>H</sup>	3
LING 410	 Advanced Philosophy of Language	3	PHIL 163	 Practical Ethics: Moral Reasoning and How We Live <sup>H</sup>	3
LING 428	 Bilingualism and Second-Language Acquisition	3	PHIL 210	 Wonder, Myth, and Reason: Introduction to Ancient Greek Science and Philosophy <sup>H</sup>	3
LING 445	 Advanced Philosophy of Language	3	PHIL 215	 Medieval Philosophy	3
LING 537	 Semantic Theory I	3	PHIL 220	 17th and 18th Century Western Philosophy <sup>H</sup>	3
LING 545	 Language and Mind	3	PHIL 230	 Mind, Matter, and Metaphysics: the Philosophy of Experience and Reality <sup>H</sup>	3
LING 547	 Language Deficits and Cognition	3	PHIL 251	 Inductive Logic and the Scientific Method	3
LING 558	 Ancient Mayan Hieroglyphs	3	PHIL 292	 Field Work in Philosophy: Introducing Philosophy in Primary and Secondary Schools	3
LING 563	 Structure of Japanese	3	PHIL 294	 Philosophy across the Lifespan	3
MEJO 142	 Cultural Competency in Journalism and Strategic Communication	3	PHIL 330	 Metaphysics	3
MNGT 325	 Introduction to Organizational Communication <sup>H</sup>	3	PHIL 335	 Theory of Knowledge	3
MNGT 345	 Public Policy Toward Business	3	PHIL 340	 Philosophy of Mind	3
MUSC 164	 Music of South Asia	3	PHIL 345	 Philosophy of Language	3
NAVS 201	 Naval Leadership and Management	3	PHIL 351	 Philosophy of Physics <sup>H</sup>	3
NAVS 402	 Naval Leadership and Ethics	3	PHIL 352	 Sex and Death, Life and Health, Species and Evolution: The Philosophy of Biology	3
PHIL 54	 First-Year Seminar: Thinking about Time	3	PHIL 357	 Induction, Probability, and Confirmation	3
PHIL 55	 First-Year Seminar: Paradoxes	3	PHIL 381	 Philosophy and Film <sup>H</sup>	3
PHIL 59	 First-Year Seminar: Proofs of the Existence of God	3	PHIL 392	 Ethics Research Seminar for Undergraduates	3
PHIL 62	 First-Year Seminar: Philosophy with Children	3	PHIL 395	 Undergraduate Research Seminar in Selected Topics	3
PHIL 66	 First-Year Seminar: Ethics: Theoretical and Practical	3	PHIL 397	 Philosophy Research Seminar for Undergraduates	3
PHIL 68	 First-Year Seminar: Moral Life <sup>H</sup>	3	PHIL 421	 Rationalism	3
PHIL 76	 First-Year Seminar: Is Free Will an Illusion? <sup>H</sup>	3	PHIL 422	 Empiricism	3
PHIL 80	 First-Year Seminar: Short Stories and Contemporary Social Problems	3	PHIL 432	 The Beginnings of Analytic Philosophy	3
PHIL 85	 First-Year Seminar: Reason, Religion, and Reality in the Copernican Revolution <sup>H</sup>	3	PHIL 433	 Current Issues in Analytic Philosophy	3
PHIL 86	 First-Year Seminar: Persons and Identity	3	PHIL 445	 Advanced Philosophy of Language	3
PHIL 101	 Introduction to Philosophy: Central Problems, Great Minds, Big Ideas <sup>H</sup>	3	PLAN 101	 Cities and Urban Life	3
PHIL 105	 How to Reason and Argue: An Introduction to Critical Thinking	3	PLAN 677	 Perspectives on Economic Development	3
PHIL 112	 Making Sense of Ourselves <sup>H</sup>	3			

PLCY 55	 First-Year Seminar: Higher Education, the College Experience, and Public Policy	3	RELI 122	 Introduction to Philosophical Approaches to Religion <sup>H</sup>	3
PLCY 81	 First Year Seminar: America's Labor Market	3	RELI 126	 Reason, Faith, and God: Philosophy of Western Religion <sup>H</sup>	3
PLCY 85	 First-Year Seminar: Reforming America's Schools <sup>H</sup>	3	RELI 127	 The Claims of Science and Religion	3
PLCY 101	 Making Public Policy <sup>H</sup>	3	RELI 130	 Religion and Popular Culture	3
PLCY 110	 Global Policy Issues <sup>H</sup>	3	RELI 140	 Religion in America <sup>H</sup>	3
PLCY 530	 Educational Problems and Policy Solutions <sup>H</sup>	3	RELI 142	 Catholicism in America	3
PLCY 581	 Research Design for Public Policy <sup>H</sup>	3	RELI 180	 Introduction to Islamic Civilization	3
POLI 287	 Strategy and International Relations	3	RELI 183	 Asian Religions	3
POLI 288	 Strategy and Politics	3	RELI 184	 East Asian Religions	3
PSYC 210	 Statistical Principles of Psychological Research <sup>H</sup>	3	RELI 201	 Ancient Biblical Interpretation <sup>H</sup>	3
PWAD 101	 Making Public Policy <sup>H</sup>	3	RELI 205	 Sacrifice in the Ancient World <sup>H</sup>	3
PWAD 110	 Global Policy Issues <sup>H</sup>	3	RELI 211	 Classical Hebrew I: A Linguistic Introduction to the Hebrew Bible	3
PWAD 161	 Literature of War from World War I to the 21st Century	3	RELI 222	 Modern Western Religious Thought	3
PWAD 280	 Anthropology of War and Peace	3	RELI 226	 Human Animals in Religion and Ethics	3
PWAD 287	 Strategy and International Relations	3	RELI 227	 Luther and the Bible	3
PWAD 453	 Political Geography	3	RELI 235	 Place, Space, and Religion	3
PWAD 484	 Critical Security Studies	3	RELI 246	 Supernatural Encounters: Zombies, Vampires, Demons, and the Occult in the Americas <sup>H</sup>	3
RELI 61	 First-Year Seminar: Religion, Magic, and Science	3	RELI 279	 Islamic Law, Ethics, and Practice	3
RELI 63	 First-Year Seminar: The Archaeology of Qumran and the Dead Sea Scrolls	3	RELI 283	 The Buddhist Tradition: India, Nepal, and Tibet	3
RELI 64	 First-Year Seminar: Reintroducing Islam	3	RELI 285	 The Buddhist Tradition: Southeast Asia and Sri Lanka	3
RELI 65	 First-Year Seminar: Myth, Philosophy, and Science in the Ancient World	3	RELI 287	 Modern Japanese Religions	3
RELI 67	 First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3	RELI 314	 Memory and the Historical Jesus <sup>H</sup>	3
RELI 70	 First-Year Seminar: Jesus in Scholarship and Film	3	RELI 324	 Religion and the Human: Interrogating Individuality	3
RELI 73	 First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3	RELI 325	 Religion, Magic, and Science	3
RELI 78	 First-Year Seminar: Reading the Bible: Now and Then	3	RELI 345	 Black Atlantic Religions <sup>H</sup>	3
RELI 87	 First-Year Seminar: Confessions	3	RELI 352	 Anthropology of Christianity	3
RELI 102	 World Religions	3	RELI 365	 Studies in Christian Theologies and Theologians	3
RELI 103	 Introduction to the Hebrew Bible/Old Testament Literature <sup>H</sup>	3	RELI 368	 Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
RELI 104	 Introduction to the New Testament <sup>H</sup>	3	RELI 382	 The Story of Rama in Indian Culture--Experiential	3
RELI 106	 Introduction to Early Judaism	3	RELI 383	 The Mahabharata: Remembered and Reimagined--Experiential	3
RELI 110	 The Archaeology of Palestine in the New Testament Period	3	RELI 387	 Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
RELI 117	 Culture of the Ancient Near East	3	RELI 413	 Biblical Coptic and Early Egyptian Monasticism	3
RELI 121	 Introduction to Religion and Culture <sup>H</sup>	3	RELI 421	 Religion and Science	3
			RELI 426	 The Sacrifice of Abraham <sup>H</sup>	3
			RELI 427	 Spirit Possession and Mediumship	3

RELI 430	Dimensions of Evil	3
RELI 438	Religion, Nature, and Environment <sup>H</sup>	3
RELI 441	Religion in Early America <sup>H</sup>	3
RELI 452	Documenting Religion	3
RELI 489	Animals in Japanese Religion	3
RELI 501	The History of the Bible in Modern Study	3
RELI 503	Exploring the Dead Sea Scrolls <sup>H</sup>	3
RELI 512	Ancient Synagogues	3
RELI 522	19th-Century Critiques of Religion	3
RELI 527	Religious Metaphor and Symbol	3
RELI 530	Genealogies of Religion	3
RELI 533	Women, Gender, and Judaism	3
RELI 603	The Bible and Its Translation	3
RELI 609	Christianity and Greco-Roman Culture	3
RUSS 455	20th-Century Russian Literature and Culture	3
SOCI 124	Sex and Gender in Society	3
SOCI 250	Sociological Theory	3
SPAN 360	Introduction to Hispanic Linguistics	3
SPAN 361	Hispanic Film	3
SPAN 376	Spanish Phonetics and Phonology	3
WGST 56	First-Year Seminar: Writing Women in Modern China <sup>H</sup>	3
WGST 66	First-Year Seminar: Growing Up Girl, Globally	3
WGST 67H	First-Year Seminar: Sexuality and Salvation	3
WGST 68	First-Year Seminar: Assumed Identities: Performance in Photography	3
WGST 101	Introduction to Women's Studies <sup>H</sup>	3
WGST 111	Introduction to Sexuality Studies <sup>H</sup>	3
WGST 124	Sex and Gender in Society	3
WGST 200	Gender and Sexuality in Africa	3
WGST 202	Introduction to Feminist Thought	3
WGST 215	Gender and Spirituality	3
WGST 240	Women in Greek Art and Literature <sup>H</sup>	3
WGST 241	Women in Ancient Rome <sup>H</sup>	3
WGST 270	Introduction to Transgender Studies	3
WGST 272	Masculinities	3
WGST 278	Women in Science	3
WGST 345	Gender and Film	3
WGST 352	Rahtid Rebel Women: An Introduction to Caribbean Women	3
WGST 370	Race, Sexuality, and Disability in the History of Western Christianity <sup>H</sup>	3
WGST 393	Practicum in Women's and Gender Studies	3
WGST 460	The Social Construction of Gendered Bodies	3

WGST 503	Gender, Culture, and Development	3
WGST 533	Women, Gender, and Judaism	3
WGST 695	Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3



















































<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Empirical Investigation Lab

As part of the IDEAs in Action curriculum (p. 1164), one Focus Capacity course must include or be associated with a one-credit Empirical Investigation Lab (FC-LAB).

Code	Title	Hours
<b>Approved Courses</b>		
ASTR 100L	Astronomy with Skynet: Our Place in Space	1
BIOL 101L	Introductory Biology Laboratory	1
BIOL 102L	Introductory Biology Laboratory with Research	1
BIOL 221L	Seafood Forensics Laboratory	1
BIOL 255L	The Evolution of Extraordinary Adaptions Laboratory	1
BIOL 271L	Plant Biology Laboratory	1
BIOL 274L	Plant Diversity Laboratory	1
BIOL 544L	Laboratory in Diseases of the Cytoskeleton	3
CHEM 101L	Quantitative Chemistry Laboratory I	1
EMES 101L	Planet Earth Laboratory	1
EMES 103L	The Marine Environment Laboratory	1
EMES 105	Natural Disasters: Hollywood versus Reality	4
EMES 324L	Water in Our World Laboratory	1
ENEC 202	Introduction to the Environmental Sciences	4
ENEC 324L	Water in Our World Laboratory	1
ENVR 135	Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health	3
ENVR 335	Adv Environ-ECUIPP Lab: Connecting with Communities Through Environmental Research for PH Protection	3
LING 333	Human Language and Animal Communication Systems	3
LING 401	Language and Computers	3
PHIL 70	First-Year Seminar: Gateway to Philosophy, Politics, and Economics	3
PHYS 55	First-Year Seminar: Introduction to Mechatronics	4
PHYS 100	How Things Work	4
PHYS 101	Basic Concepts of Physics	4
PHYS 106	Inquiry into the Physical World	4


































































PHYS 114	 General Physics I: For Students of the Life Sciences	4	ANTH 413	 Laboratory Methods: Archaeobotany	3
PHYS 115	 General Physics II: For Students of the Life Sciences	4	ANTH 414	 Laboratory Methods: Human Osteology	3
PHYS 118	 Introductory Calculus-based Mechanics and Relativity <sup>H</sup>	4	ANTH 415	 Laboratory Methods: Zooarchaeology	3
PHYS 119	 Introductory Calculus-based Electromagnetism and Quanta <sup>H</sup>	4	ANTH 424	 Ritual, Festival, and Public Culture	3
PHYS 231	 Physical Computing <sup>H</sup>	4	ANTH 432	 Science and Society in the Middle East	3
PHYS 281L	 Experimental Techniques in Physics	3	ANTH 450	 Ethnographic Research Methods	3
PLCY 460	 Quantitative Analysis for Public Policy <sup>H</sup>	4	ANTH 691H	 Seniors Honors Project in Anthropology	3
PSYC 438	 Research Topics in the Psychology of Language	3	ANTH 692H	 Senior Honors Thesis in Anthropology	3
PSYC 535	 Programming for Psychologists: Computational Tools for Psychological Research	3	APPL 520L	 Polymer Chemistry Laboratory	2
STOR 320	 Introduction to Data Science	4	ARAB 432	 Science and Society in the Middle East	3
			ARCH 691H	 Seniors Honors Thesis, Part 1	3
			ARCH 692H	 Senior Honors Thesis, Part 2	3
			ARTH 61	 First-Year Seminar: African American Art of the Carolinas	3
			ARTH 275	 18th-Century Art	3
			ARTH 370	 Visual Art in the Age of Revolution	3
			ARTH 391	 Undergraduate Research Seminar	3
			ARTH 446	 The Invention of the Modern Artist	3
			ARTH 453	 Africa in the American Imagination	3
			ARTH 474	 Roman Sculpture	3
			ARTH 595	 Experience in Research	1-3
			ARTH 691H	 Honors in Art History	3
			ARTH 692H	 Honors in Art History	3
			ARTS 691H	 Senior Honors Thesis Project in Studio Art	3
			ARTS 692H	 Senior Honors Thesis Project in Studio Art	3
			ASIA 331	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
			ASIA 350	 The Asian American Experience	3
			ASIA 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3
			ASIA 442	 Postcolonial Literature of the Middle East	3
			ASIA 471	 Gender and Sexuality in Middle Eastern Literature	3
			ASIA 485	 Gender and Sexuality in Islam	3
			ASIA 522	 Beauty and Power in the Classical Indian World	3
			ASIA 691H	 Senior Honors Thesis I	3
			ASIA 692H	 Senior Honors Thesis II	3
			ASTR 502	 Modern Research in Astrophysics	3
			ASTR 519	 Observational Astronomy	4
			BIOL 221	 Seafood Forensics	3
			BIOL 255	 The Evolution of Extraordinary Adaptations <sup>H</sup>	4
			BIOL 295	 Educational and Social Research in Biology	1-3
			BIOL 395	 Undergraduate Research in Biology <sup>H</sup>	1-3
			BIOL 423	 Genetics Experiments	3




































































<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Research and Discovery

Research and Discovery (RESEARCH) is a required Reflection and Integration course in the IDEAs in Action curriculum (p. 1164).





Code	Title	Hours
<b>Approved Courses</b>		
AAAD 333	 Race and Public Policy in the United States	3
AAAD 395	 Undergraduate Research Seminar	3
AAAD 460	 Race, Culture, and Politics in Brazil	3
AAAD 485	 Transnational Black Feminist Thought and Practice	3
AAAD 486	 Africa in the American Imagination	3
AAAD 691H	 Honors Research I	3
AAAD 692H	 Honors Research II	3
AMST 55	 First-Year Seminar: Birth and Death in the United States <sup>H</sup>	3
AMST 252	 Muslim American Literatures and Cultures	3
AMST 257	 Melville: Culture and Criticism	3
AMST 258	 Captivity and American Cultural Definition	3
AMST 269	 Mating and Marriage in America	3
AMST 320	 Critical Issues and Theories in American Studies	3
AMST 352	 The Asian American Experience	3
AMST 485	 Folk, Self-Taught, and Outsider Arts	3
AMST 691H	 Honors in American Studies	3
AMST 692H	 Honors in American Studies	3
ANTH 278	 Women in Science	3
ANTH 370	 Southern Legacies: The Descendants Project	4

BIOL 542	 Light Microscopy for the Biological Sciences	3	CMPL 692H	 Comparative Lit Senior Honors Thesis Part II	3
BIOL 544L	 Laboratory in Diseases of the Cytoskeleton	3	COMM 75	 First-Year Seminar: Researching Society and Culture	3
BIOL 692H	 Senior Honors Thesis in Biology	3	COMM 84	 First-Year Seminar: Make A Zine! Do-It-Yourself Writing, Publishing, and Distribution	3
BMME 295	 Research in Biomedical Engineering for Undergraduates	1-3	COMM 120	 Introduction to Interpersonal and Organizational Communication <sup>H</sup>	3
BMME 495	 Undergraduate Research in Biomedical Engineering as a Technical Elective	3	COMM 350	 Practices of Cultural Studies	3
BMME 691H	 Honors Thesis	3	COMM 499	 The Dark Side of Interpersonal Communication	3
BMME 692H	 Honors Thesis	3	COMM 635	 Documentary Production	3
BMME 698	 Biomedical Engineering Senior Design: Product Implementation and Strategy	3	COMM 691H	 Honors in Cultural Studies	3
BUSI 691H	 Honors Research Proposal	3	COMM 692H	 Honors in Cultural Studies	3
BUSI 692H	 Honors Thesis	3	COMM 693H	 Honors	3
CHEM 210	 Service Learning in Chemistry	1	COMM 694H	 Honors	3
CHEM 262L	 Laboratory in Organic Chemistry	1	COMP 495	 Mentored Research in Computer Science	3
CHEM 295	 Educational and Social Research in Chemistry	1-3	COMP 691H	 Honors Thesis in Computer Science	3
CHEM 395	 Research in Chemistry for Undergraduates <sup>H</sup>	3	COMP 692H	 Honors Thesis in Computer Science	3
CHEM 520L	 Polymer Chemistry Laboratory	2	DHYG 495	 Research Methodology	2
CHEM 530L	 Laboratory Techniques for Biochemistry	3	DRAM 691H	 Honors Project in Dramatic Art	3
CHEM 541L	 Advanced Instrumentation and Analytical Measurement Laboratory	2	DRAM 692H	 Honors Project in Dramatic Art	3
CHEM 550L	 Synthetic Chemistry Laboratory I	2	ECON 58	 First-Year Seminar: Researching the Tools for Success in College <sup>H</sup>	3
CHIN 346	 History as Fiction or Fiction as History? Early Chinese History in Film and Literature	3	ECON 394	 Advanced Entrepreneurship Practicum	3
CHIN 367	 Illustration and the Animation of Text	3	ECON 495	 Research Course	1-3
CHIN 475	 Confucianism: Origin, History, and Contemporary Relevance	3	ECON 510	 Advanced Microeconomic Theory <sup>H</sup>	3
CHIN 476	 Daoism: Origin, History, and Contemporary Relevance	3	ECON 525	 Advanced Financial Economics	3
CHIN 545	 Chinese Science Fiction	3	ECON 545	 Advanced Industrial Organization	3
CLAR 395	 Independent Research in Classical Archaeology	3	ECON 550	 Advanced Health Econometrics	3
CLAR 474	 Roman Sculpture	3	ECON 551	 Economics of Education	3
CLAS 391	 Junior Seminar	3	ECON 552	 The Economics of Health Care Markets and Policy	3
CLAS 395	 Independent Research in Classics	3	ECON 560	 Advanced International Economics	3
CLAS 691H	 Honors Course	3	ECON 565	 Research in Development Economics	3
CLAS 692H	 Honors Course	3	ECON 573	 Machine Learning and Econometrics	3
CLSC 630	 Research Methods in Clinical Laboratory Science	2	ECON 580	 Advanced Labor Economics	3
CMPL 232	 Imagining the City in Modern Korea: Text, Image, Space	3	ECON 691H	 Honors Course	3
CMPL 442	 Postcolonial Literature of the Middle East	3	ECON 692H	 Honors Course	3
CMPL 460	 Transnational Romanticism: Romantic Movements in Europe and the Americas	3	EDUC 318	 Peer Leadership in the University Environment	2
CMPL 495	 Advanced Seminar	3	EDUC 320	 Navigating Education in Borderlands	3
CMPL 545	 Chinese Science Fiction	3	EDUC 517	 Educational Partnership Through Program Evaluation	3
CMPL 691H	 Comparative Lit Senior Honors Thesis Part I	3	EDUC 530	 Free-Choice Learning in Informal Environments	3
			EDUC 691H	 Honors Seminar in Education	3
			EDUC 694H	 Honors Thesis in Education	3

EMES 395	 Undergraduate Research in Earth, Marine, and Environmental Sciences	1-3	FOLK 476	 Graffiti, Gods, and Gardens: Urban Folklore	3
EMES 405	 Geochemistry	3	FOLK 481	 Jewish Belonging/s: The Material Culture of Jewish Experience	3
EMES 691H	 Honors in Earth, Marine, and Environmental Sciences	3	FOLK 691H	 Honors Project in Folklore	3
EMES 692H	 Honors in Earth, Marine, and Environmental Sciences	3	FOLK 692H	 Honors Thesis in Folklore	3
ENEC 395	 Research in Environmental Sciences and Studies for Undergraduates	1-3	FREN 80	 First-Year Seminar: Déjà vu. Medicine and Narration across Time and Space	3
ENEC 437	 Social Vulnerability to Climate Change	3	FREN 150	 Globalization and the French-Speaking World	3
ENEC 693H	 Honors Research in Environmental Sciences and Studies	3	FREN 387	 Paris/Versailles: The Court and the City in the 17th Century	3
ENEC 694H	 Honors Project in Environmental Sciences and Studies	3	FREN 691H	 Honors Thesis in French	3
ENGL 284	 Reading Children's Literature <sup>H</sup>	3	FREN 692H	 Honors Thesis in French	3
ENGL 291	 Picture Books <sup>H</sup>	3	GEOG 63	 First-Year Seminar: The Problem with Nature and Its Preservation <sup>H</sup>	3
ENGL 295	 Undergraduate Research Seminar <sup>H</sup>	3	GEOG 65	 First-Year Seminar: Climate Change in the Media <sup>H</sup>	3
ENGL 425	 Literature, Archives, and Original Research	3	GEOG 68	 First-Year Seminar: Freshwaters in the Anthropocene	3
ENGL 494	 Research Methods in Film Studies	3	GEOG 392	 Research Methods in Geography	3
ENGL 495	 Mentored Research	1-3	GEOG 414	 Climate Change	3
ENGL 691H	 English Senior Honors Thesis, Part I	3	GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
ENGL 692H	 English Senior Honors Thesis, Part II	3	GEOG 428	 Global Cities: Space, Power, and Identity in the Built Environment	3
ENGL 693H	 Creative Writing Senior Honors Thesis, Part I	3	GEOG 429	 Urban Political Geography: Durham, NC	3
ENGL 694H	 Creative Writing Senior Honors Thesis, Part II	3	GEOG 435	 Global Environmental Justice	3
ENGL 695	 Research Seminar	3	GEOG 437	 Social Vulnerability to Climate Change	3
ENVR 135	 Environment-ECUIPP Lab: Connecting with communities through environmental research for Public Health	3	GEOG 457	 Rural Latin America: Agriculture, Environment, and Natural Resources <sup>H</sup>	3
ENVR 335	 Adv Environ-ECUIPP Lab: Connecting with Communities Through Environmental Research for PH Protection	3	GEOG 460	 Geographies of Economic Change	3
EURO 438	 Democracy and International Institutions in an Undivided Europe	3	GEOG 470	 Political Ecology: Geographical Perspectives	3
EURO 442	 International Political Economy	3	GEOG 567	 Geospatial Data Analysis with Google Earth Engine	3
EURO 691H	 Honors Thesis in European Studies	3	GEOG 691H	 Honors	3
EURO 692H	 Honors Thesis in European Studies	3	GEOG 692H	 Honors	3
EXSS 273	 Research in Exercise and Sport Science	3	GEOG 697	 Capstone Seminar in Geographic Research	3
EXSS 327	 Predictive Analytics in Sport	3	GEOL 395	 Undergraduate Research in Geology	1-4
EXSS 373	 Sport Injury Epidemiology	3	GLBL 691H	 Honors in Global Studies	3
EXSS 395	 Undergraduate Research Course	1-3	GLBL 692H	 Honors in Global Studies	3
EXSS 693H	 Senior Honors Thesis	3	GREK 395	 Independent Research in Greek	3
EXSS 694H	 Senior Honors Thesis	3	GSSL 691H	 Honors Course	3
FOLK 370	 Southern Legacies: The Descendants Project	4	GSSL 692H	 Honors Course	3
FOLK 380	 Traditions in Transition: Jewish Folklore and Ethnography	3	GSSL 693H	 Honors Seminar	3
FOLK 424	 Ritual, Festival, and Public Culture	3	HIST 335	 Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3
			HIST 360	 Ideas in Modern America <sup>H</sup>	3

HIST 395	Research Related Skills	1-3	MEJO 691H	Introductory Honors Course	3
HIST 398	Undergraduate Seminar in History <sup>H</sup>	3	MEJO 692H	Honors Essay	3
HIST 691H	Honors in History	3	MNGT 120	Introduction to Interpersonal and Organizational Communication <sup>H</sup>	3
HIST 692H	Honors in History	3	MNGT 692H	Honors Spring Course	3
HPM 691H	Honors Research I	3	MUSC 351	Critical Approaches to Music: Guided Research	3
HPM 692H	Honors Research II	3	MUSC 355	History and Culture of Music <sup>H</sup>	3
IDST 691H	Senior Honors Thesis	3	MUSC 691H	Senior Honors Thesis in Music I	3
IDST 692H	Senior Honors Thesis	3	MUSC 692H	Senior Honors Thesis in Music II	3
INLS 691H	Research Methods in Information Science	3	NSCI 274	Neurophysiology Data Science Lab	3
INLS 692H	Honors Thesis in Information Science	3	NSCI 276	Neural Circuits of Hunger Lab	3
ITAL 372	Poetry, Parchment, Polis	3	NSCI 277	Addiction Neuroscience qPCR Laboratory	3
ITAL 374	Italian Ecofiction in Global Perspective	3	NSCI 278	Molecular Imaging of the Brain	3
ITAL 525	Italo Calvino in English	3	NSCI 279	Microglia Laboratory	3
ITAL 571	Primo Levi in English	3	NSCI 395	Independent Research	1-3
ITAL 691H	Honors Thesis	3	NSCI 405	Advanced Molecular Neuropharmacology	3
ITAL 692H	Honors Thesis in Italian	3	NSCI 693H	Honors in Neuroscience I	3
JAPN 451	Swords, Tea Bowls, and Woodblock Prints: Exploring Japanese Material Culture	3	NSCI 694H	Honors in Neuroscience II	3
JWST 358	Religion and Tradition in Israeli Cinema, TV, and Literature	3	NURS 302	Research, Ethics, and Innovation: Carolina Core II	3
JWST 380	Traditions in Transition: Jewish Folklore and Ethnography	3	NURS 691H	Honors in Nursing, Part I	3
JWST 481	Jewish Belonging/s: The Material Culture of Jewish Experience	3	NURS 692H	Honors in Nursing, Part II	3
JWST 533	Women, Gender, and Judaism	3	PHIL 211	Perspectives on Gender, Race, and Marginality in Ancient Greek Philosophy, Science, and Medicine	3
KOR 232	Imagining the City in Modern Korea: Text, Image, Space	3	PHIL 251	Inductive Logic and the Scientific Method	3
LATN 395	Independent Research in Latin	3	PHIL 392	Ethics Research Seminar for Undergraduates	3
LING 60	First-Year Seminar. How Reading Works: Language, Cognition, and Literacy	3	PHIL 395	Undergraduate Research Seminar in Selected Topics	3
LING 395	Group Mentored Research	1-3	PHIL 397	Philosophy Research Seminar for Undergraduates	3
LING 460	Making Sense of Big Data: Textual Analysis with R	3	PHIL 411	Aristotle	3
LING 495	Individual Mentored Research	1-3	PHIL 691H	Courses for Honors	3
LING 691H	Senior Honors Thesis	3	PHIL 692H	Courses for Honors	3
LING 692H	Senior Honors Thesis	3	PHYS 231	Physical Computing <sup>H</sup>	4
LTAM 402	Heritage and Migration in North Carolina	3	PHYS 295	Research with Faculty Mentor I	1-12
LTAM 691H	Honors in Latin American Studies	3	PHYS 395	Research with Faculty Mentor II	1-12
LTAM 692H	Honors in Latin American Studies	3	PHYS 481L	Advanced Laboratory I	2
MATH 296	Directed Exploration in Mathematics	1-3	PHYS 691H	Senior Honor Thesis Research I	3
MATH 396	Undergraduate Reading and Research in Mathematics	1-3	PHYS 692H	Senior Honor Thesis Research II	3
MATH 563	Introduction to Fluid Mechanics	3	PLAN 247	Solving Urban Problems	3
MATH 691H	Honors Research in Mathematics	3	PLAN 428	Global Cities: Space, Power, and Identity in the Built Environment	3
MATH 692H	Honors Thesis in Mathematics	3	PLAN 691H	Honors Seminar in Urban and Regional Studies	3
			PLCY 395	Research in Public Policy <sup>H</sup>	1-6

PLCY 581	Research Design for Public Policy <sup>H</sup>	3	PWAD 674	Research Seminar on the History of Covert Action	3
PLCY 691H	Honors in Public Policy	3	PWAD 675	War, Crimes against Humanity, and Justice	3
PLCY 692H	Honors in Public Policy	3	PWAD 676	Law and National Security from the U.S. Civil War to the Global War on Terror	3
POLI 333	Race and Public Policy in the United States	3	PWAD 680	Research Seminar in Peace, War, and Defense	3
POLI 350	Peace Science Research	3	PWAD 691H	Honors in Peace, War, and Defense	3
POLI 395	Mentored Research in Political Science	1-3	PWAD 692H	Honors in Peace, War, and Defense	3
POLI 405	Local Politics in the United States	3	RELI 67	First-Year Seminar: Nature/Culture/Self-Identity: Religion in the Construction of Social Life	3
POLI 417	Advanced Political Psychology <sup>H</sup>	3	RELI 324	Religion and the Human: Interrogating Individuality	3
POLI 421	Framing Public Policies	3	RELI 395	Guided Undergraduate Research	1-3
POLI 424	Legislative Procedure in Congress	3	RELI 429	Religion and Society	3
POLI 435	Democracy and Development in Latin America <sup>H</sup>	3	RELI 485	Gender and Sexuality in Islam	3
POLI 438	Democracy and International Institutions in an Undivided Europe	3	RELI 514	Judaism and the Search for Christian Origins	3
POLI 440	How to Stay in Power When the People Want You Dead: The Politics of Authoritarian Survival	3	RELI 515	Cultural Histories of the New Testament	3
POLI 442	International Political Economy	3	RELI 533	Women, Gender, and Judaism	3
POLI 444	Terrorism and International Peace	3	RELI 541	Evangelicalism from a Global Perspective <sup>H</sup>	3
POLI 452	Africa and International Conflict	3	RELI 580	African American Islam	3
POLI 453	When Countries Go Broke: Political Responses to Financial Crises	3	RELI 614	The Cult of Saints: Narratives, Materialities, Practices	3
POLI 458	International Conflict Management and Resolution <sup>H</sup>	3	RELI 691H	Honors in Religious Studies	3
POLI 691H	Honors Seminar in Research Design	3	RELI 692H	Honors in Religious Studies	3
POLI 692H	Honors Thesis Research	3	RUSS 515	Advanced Russian Communication, Composition and Grammar in the Professions I	3
POLI 693H	Honors Thesis Research	3	RUSS 516	Advanced Russian Communication, Composition and Grammar in the Professions II	3
PORT 691H	Honors Thesis	3	SOCI 419	Sociology of the Islamic World	3
PORT 692H	Honors Thesis in Portuguese	3	SOCI 429	Religion and Society	3
PSYC 58	First-Year Seminar: The Psychology of Mental States and Language Use <sup>H</sup>	3	SOCI 691H	Senior Honors Research and Seminar	3
PSYC 270	Research Methods in Psychology	3	SOCI 692H	Senior Honors Research and Seminar	3
PSYC 395	Independent Research	1-3	SPAN 691H	Honors Thesis	3
PSYC 438	Research Topics in the Psychology of Language	3	SPAN 692H	Honors Thesis in Spanish	3
PSYC 528	Clinical Research: Design, Analyze, Disseminate	3	STOR 496	Undergraduate Reading and Research in Statistics and Operations Research	1-3
PSYC 535	Programming for Psychologists: Computational Tools for Psychological Research	3	STOR 691H	Honors in Statistics and Analytics	3
PSYC 693H	Honors in Psychology I	3	STOR 692H	Honors in Statistics and Analytics	3
PSYC 694H	Honors in Psychology II	3	URES 195	Undergraduate Research	0
PWAD 331	Cracking India: Partition and Its Legacy in South Asia <sup>H</sup>	3	URES 295	Undergraduate Research	1
PWAD 444	Terrorism and International Peace	3	URES 395	Undergraduate Research	1-3
PWAD 452	Africa and International Conflict	3	WGST 67H	First-Year Seminar: Sexuality and Salvation	3
PWAD 458	International Conflict Management and Resolution <sup>H</sup>	3	WGST 278	Women in Science	3
PWAD 673	Post-Conflict Security Challenges	3	WGST 471	Gender and Sexuality in Middle Eastern Literature	3

WGST 533	 Women, Gender, and Judaism	3
WGST 691H	 Honors in Women's Studies	3
WGST 692H	 Honors in Women's Studies	3
WGST 695	 Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## High-Impact Experience







High-Impact Experience (HI) is a required Reflection and Integration course in the IDEAs in Action curriculum (p. 1164). There are several types of high-impact experience opportunities at Carolina.

In addition to the approved courses and experiences listed below, this requirement may also be fulfilled by taking a second Research and Discovery (p. 1225) course.

### Study Abroad

All UNC–Chapel Hill approved study abroad programs fulfill the High-Impact Experience requirement. Program information can be found at the Study Abroad Office (<https://studyabroad.unc.edu/>).































### Internship (HI-INTERN)

Code	Title	Hours
<b>Approved Courses</b>		
AAAD 293	 Individual Internships for Majors and Minors	1-3
AERO 393	 Air and Space Expeditionary Training	1
AMST 493	 Internship	1-3
ANTH 393	 Internship in Anthropology	1-12
ARCH 393	 Internship in Archaeology	3-6
ARTH 293	 Art History Practicum	3
ARTS 493	 Studio Art Practicum or Internship	3
ASTR 111	 Educational Research in Radio Astronomy	1
BIOL 293	 Undergraduate Internship in Biology	3
BUSI 393	 Business Internship Project I	1.5-3
BUSI 493	 Business Internship Project II	1.5-3
CHEM 293	 Undergraduate Internship in Chemistry	3
CLSC 580L	 Clinical Immunohematology Laboratory	4
COMM 393	 Internships	1-3
COMP 293	 Internship in Computer Science	3
DRAM 393	 Professional Theatre Laboratory	1-12
DRAM 493	 Theatre Management	3
ECON 293	 Internship	3
ECON 327	 Venture-Creation Workshop <sup>H</sup>	3
ECON 393	 Practicum in Entrepreneurship <sup>H</sup>	3-6
EDUC 411	 Making Liberal Arts "Work"	3
EDUC 593	 Internship/Student Teaching	1-12

EDUC 695	 Human Organizational Leadership and Development Capstone	9
EDUC 698	 Internship in Human Development and Family Science	3-9
ENEC 393	 Internship in Sustainability	3
ENEC 493	 Environmental Internship	1-4
ENEC 593	 Environmental Practicum	1-3
ENGL 593	 Internship in Health Humanities	3
EXSS 393	 Sports Medicine Clinical	1-3
EXSS 493	 Field Experience in Sport Administration	3
EXSS 593	 Practicum in Physical Fitness and Wellness	1-9
GEOG 493	 Internship	3
GERM 493	 Internship in German	3
GLBL 193	 Global Studies Internship	1
HIST 493	 Internship in History	1-3
HIST 593	 Exploring the U.S. South Hands On and Ears Open: Internship at the Southern Oral History Program	3
HPM 393	 Internship in Health Policy and Management	2
INLS 393	 Information Science Internship	3
LING 493	 Internship in Linguistics	3
MUSC 493	 Music Internship	3
NSCI 493	 Internship in Neuroscience	3
NURS 697	 Capstone: Transitions in Care and Practice	6
PLAN 575	 Real Estate Development	3
PLAN 639	 Complete, Safe, Equitable Streets	3
PLAN 640	 Roadways for a Safer Future	1
PLCY 293	 Internship in Public Policy	3
PLCY 493H	 Internship in Public Policy and Global Affairs	1-6
POLI 193	 Internship in Political Science	3
PSYC 493	 Internship in Psychology	3
PWAD 393	 Internship in Peace, War, and Defense	3
RADI 463	 Clinical Education I	4
ROML 293	 Internship in Romance Studies	3
SOCI 393	 Independent Experiential Internship	1-3
STOR 493	 Internship in Statistics and Operations Research	3
WGST 393	 Practicum in Women's and Gender Studies	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

**Public Service (HI-SERVICE)**

Code	Title	Hours
<b>Approved Courses</b>		
AMST 398	 Service Learning in America	3
AMST 460	 Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment <sup>H</sup>	3
ANTH 92	 UNITAS	3
ANTH 93	 UNITAS	3
ANTH 425	 Public Archaeology Practicum	3
ANTH 539	 Environmental Justice	3
ANTH 582	 Fieldwork with Social Models of Well-Being	3
ANTH 625	 Ethnography and Life Stories	3
ARTS 383	 States of Change	3
BIOL 294	 Service Learning in Biology: APPLES <sup>H</sup>	1-2
CHEM 291	 Seminar on Academic Mentoring	1-3
CHIN 441	 Chinese-English Translation and Interpreting	3
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3
COMM 625	 Communication and Nonprofits in the Global Context	3
COMP 80	 First-Year Seminar: Enabling Technology--Computers Helping People <sup>H</sup>	3
COMP 180	 Enabling Technologies <sup>H</sup>	3
COMP 580	 Enabling Technologies	3
DHYG 362	 Community Dental Health Internship	2
DTCH 275	 Rising Fortunes and Rising Tides: The Dutch Golden Age and its Legacy	3
EDUC 387	 Peer Tutoring	3
EDUC 400	 Autism in Our Communities: An Interdisciplinary Perspective	3
EDUC 4611	 Exploring Social Determinants of Health Across Populations	3
EDUC 576	 LatinxEd Internship	3
EDUC 583	 Career and Professional Development	3
EDUC 617	 Teaching in the Middle School	3
EMES 412	 Principles and Methods of Teaching Earth Science	4
ENEC 412	 Principles and Methods of Teaching Earth Science	4
ENGL 50	 First-Year Seminar: Multimedia North Carolina	3
ENGL 271	 Mixed-Race America: Race in Contemporary American Literature and Culture	3
EXSS 420	 Program Planning in Recreation Services	3
GEOG 429	 Urban Political Geography: Durham, NC	3
GEOG 650	 Technology and Democracy Research	3
GERM 278	 Performance, Drama, Translation, Adaptation and Ethnographic Exchange	3
GERM 286	 (Un)Welcomed Guests? German Reflections on Exile and Immigration	3
GLBL 485	 Comparative Development	3
GLBL 489	 Paradigms of Development and Social Change <sup>H</sup>	3
HBEH 411	 Pathways to Effective Community Engagement	2
HBEH 611	 Philanthropy as a Tool for Social Change	3
JAPN 418	 Service Learning in Japanese Language	3
MEJO 332	 Public Relations Writing	3
MEJO 459	 Community Journalism	3
MEJO 671	 Social Marketing Campaigns <sup>H</sup>	3
NSCI 294	 Service Learning in Neuroscience: APPLES	1-3
NSCI 424	 Neural Connections: Hands on Neuroscience	3
NURS 4611	 Exploring Social Determinants of Health Across Populations	3
PHIL 62	 First-Year Seminar: Philosophy with Children	3
PHIL 294	 Philosophy across the Lifespan	3
PLCY 130	 Getting It Done: Social Innovation	1
PLCY 393	 Public Policy Clinic	3
PLCY 394	 The Intersector	3
PLCY 698	 Senior Capstone in Public Policy	4
POLI 206	 Race and the Right to Vote in the United States	3
POLI 404	 Race, Immigration, and Urban Politics	3
PSYC 294	 Service Learning in Psychology: APPLES	1-3
PUBA 401	 State and Local Governance	3
ROML 60	 First-Year Seminar: Spanish and Entrepreneurship: Language, Culture, and North Carolina Communities	3
ROML 194	 Service Learning in Romance Studies	1
SOCI 253	 Sociological Theory - Experiential	3
SOCI 273	 Social and Economic Justice, Experiential Education	3
SOCI 417	 The City and Urbanization, Experiential Education	3
SOCI 423	 Sociology of Education, Experiential Education	3
SOWO 492	 Seminar in Service Learning	1-6
SPAN 329	 Spanish for Professional and Community Engagement	3
SPHS 400	 Autism in Our Communities: An Interdisciplinary Perspective	3
WGST 340	 Leadership in Violence Prevention	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Performance Creation or Production (HI-PERFORM)

Code	Title	Hours
<b>Approved Courses</b>		
AMST 225L	The Practice of Stand Up Comedy	1
ARTS 206	Video II	3
ARTS 233	Wood Sculpture	3
ARTS 243	Metal Sculpture	3
ARTS 322	Narrative Painting	3
ARTS 353	Phantasmagoria: Haunted Art, History, and Installation	3
ARTS 409	Art and Science: Merging Printmaking and Biology <sup>H</sup>	3
ARTS 458	Photo Printmaking	3
ASIA 124	Iranian Post-1979 Cinema	3
ASIA 382	The Story of Rama in Indian Culture--Experiential	3
ASIA 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
BUSI 350	Symposium Core Committee	1.5-3
BUSI 505	Entrepreneurial Consulting	3
BUSI 583	Applied Investment Management <sup>H</sup>	3
BUSI 592	Applied Private Equity: Real Estate	3
CHIN 242	Chinese Qin Music	3
COMM 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
COMM 466	Advanced Study in Performing Literature	3
COMM 562	Oral History and Performance <sup>H</sup>	3
COMM 644	Documentary Production: First Person Filmmaking	3
COMM 665	Performance, Politics, and Culture	3
COMM 666	Media in Performance	3
DRAM 85	First-Year Seminar: Documentary Theatre <sup>H</sup>	3
DRAM 191	Technical Methods: Scenery	3
DRAM 192	Technical Methods: Costume	3
DRAM 193	Production Practicum	3
DRAM 196	Dramatic Art Projects	1-3
DRAM 260	Advanced Stagecraft	3
DRAM 460	Stage Management	3
DRAM 666	Media in Performance	3
FOLK 562	Oral History and Performance <sup>H</sup>	3
GERM 373	"Denk ich an Deutschland. . .": German Lyrical Poetry through the Centuries	3

GERM 374	German Theater: Words Speak as Loudly as Actions	3
HIST 562	Oral History and Performance <sup>H</sup>	3
MUSC 300	Advanced Keyboard Lessons and Recital	3
MUSC 302	Advanced Voice Lessons and Recital <sup>H</sup>	3
MUSC 303	Advanced String Lessons and Recital <sup>H</sup>	3
MUSC 304	Advanced Woodwind Lessons and Recital <sup>H</sup>	3
MUSC 305	Advanced Brass Lessons and Recital <sup>H</sup>	3
MUSC 306	Advanced Percussion Lessons and Recital <sup>H</sup>	3
MUSC 307	Advanced Composition/Recital	3
MUSC 364	UNC Summer Jazz Workshop	3
RELI 382	The Story of Rama in Indian Culture--Experiential	3
RELI 387	Disciplining the Body and Mind: The Martial Arts of East Asia in Religion, History, and Culture	3
WGST 562	Oral History and Performance <sup>H</sup>	3

H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.

## Undergraduate Learning Assistant (HI-LEARNTA)

Code	Title	Hours
<b>Approved Courses</b>		
BIOL 291	Teaching Apprentice in Biology	1
BIOL 292	Teaching Assistant in Biology	2
COMP 227	Effective Peer Teaching in Computer Science	3
ECON 291	Undergraduate Learning Assistant Seminar and Practicum	1-3
EDUC 591	Seminar in Academic Mentoring in Education	1
MCRO 291	Undergraduate Learning Apprentice	1
MCRO 292	Undergraduate Learning Assistant	2
PHYS 410	Teaching and Learning Physics	4
PLCY 291	Undergraduate Learning Assistant Practicum	1-3
POLI 291	Undergraduate Learning Assistant Practicum	1-3
PSYC 391	Pedagogy Course for Psychology & Neuroscience Undergraduate Learning Assistants	3
STOR 291	Undergraduate Learning Assistantship	1

## High Impact Experience-General (HI-GENERAL)

Code	Title	Hours
<b>Approved Courses</b>		
ARTH 551	Introduction to Museum Studies	3
IDST 293	Global Tech Experience	6

## Collaborative Online International Learning (HI-COIL)

COIL courses involve shared learning between students in a course at UNC-Chapel Hill and peer students at a global partner university. Faculty members at both institutions design collaborative activities for their



students lasting at least three weeks, such as completing small group projects, engaging in dialogue drawing on their different societal or disciplinary perspectives, or exchanging scholarly or creative work.

Search for COIL courses at the section level in ConnectCarolina using the "Search by Class Attribute" feature.

More information is available at UNC Global (<https://global.unc.edu/programs/connecting-carolina-classrooms-with-the-world/coil/>).

## Communication Beyond Carolina

Communication Beyond Carolina (COMMBEYOND) is a required Reflection and Integration course in the IDEAs in Action curriculum (p. 1164).

Students in the 2022–2023 cohort class may fulfill this requirement by taking a Communication Beyond Carolina course from the IDEAs in Action curriculum or by taking a Communication-Intensive course from the Making Connections curriculum.






### Communication Beyond Carolina (IDEAs in Action)




































Code	Title	Hours
<b>Approved Courses</b>		
ARTH 446	 The Invention of the Modern Artist	3
ASIA 258	 Iranian Prison Literature	3
BMME 697	 BME Senior Design: Product Development	3
BUSI 305	 Business German	3
CHIN 441	 Chinese-English Translation and Interpreting	3
CLSC 670	 Clinical Laboratory Science Educational Methods	2
CMPL 258	 Iranian Prison Literature	3
COMM 113	 Public Speaking	3
DRAM 230	 Theatre of the Word	3
ECON 452	 Economics of Global Pandemics	3
EDUC 325	 Introduction to Counseling and Coaching	3
EDUC 567	 Children's Literature in Elementary and Middle Schools	3
ENGL 71	 First-Year Seminar: Healers and Patients <sup>H</sup>	3
ENGL 302	 Professional Communication for Social Movements	3
ENGL 303	 Scientific and Technical Communication	3
ENGL 304	 Advanced Business Communication	3
ENGL 370	 Race, Health, and Narrative <sup>H</sup>	3
ENGL 384	 Podcasting	3
ENGL 610	 Practicum in Health Humanities	3
ENGL 611	 Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3
FREN 311	 Communication Skills for Cultural Immersion	3
FREN 350	 Current Societal Issues: France and Beyond	3

GEOG 415	 Making Your Research Matter: Effective Design and Communication to Help Make an Impact on the World	3
GEOG 416	 Applied Climatology: The Impacts of Climate and Weather on Environmental and Social Systems	3
GERM 301	 Advanced Applied German: Life, Work, Fun	3
GERM 302	 Advanced Communication in German: Media, Arts, Culture	3
GERM 304	 Business German	3
GERM 305	 Business German	3
ITAL 300	 Communicating in Italian: Media, Culture, and Society	3
ITAL 310	 Italian Conversation	3
JAPN 418	 Service Learning in Japanese Language	3
MATH 410	 Teaching and Learning Mathematics	4
PHYS 281L	 Experimental Techniques in Physics	3
PHYS 481L	 Advanced Laboratory I	2
PLCY 450	 Internal and Interpersonal Conflict Management	3
PLCY 698	 Senior Capstone in Public Policy	4
PORT 310	 Advanced Communication in Portuguese: Media & Entertainment	3
PORT 420	 Portuguese Language and Culture for the Professions	3
PWAD 450	 Internal and Interpersonal Conflict Management	3
RUSS 515	 Advanced Russian Communication, Composition and Grammar in the Professions I	3
RUSS 516	 Advanced Russian Communication, Composition and Grammar in the Professions II	3
SWAH 405	 Advanced Kiswahili V	3
SWAH 406	 Advanced Plus Kiswahili VI	3

<sup>H</sup> Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.



### Communication Intensive (Making Connections)






































Code	Title	Hours
<b>Approved Courses</b>		
AAAD 319	Africa and Masks	3
AAAD 395	 Undergraduate Research Seminar	3
AAAD 486	 Africa in the American Imagination	3
AERO 301	Leading People and Effective Communication I	3
AERO 302	Leading People and Effective Communication II	3
AMST 51	 First-Year Seminar: Navigating America	3
AMST 53	 First-Year Seminar: The Family and Social Change in America <sup>H</sup>	3
AMST 55	 First-Year Seminar: Birth and Death in the United States <sup>H</sup>	3

AMST 59	 First-Year Seminar: American Indian Art in the 20th Century	3	ARTH 64	 First-Year Seminar: Picturing Nature	3
AMST 248	 Intersectionality: Race, Gender, Sexuality, and Social Justice	3	ARTH 254	Women in the Visual Arts I	3
AMST 252	 Muslim American Literatures and Cultures	3	ARTH 275	 18th-Century Art	3
AMST 257	 Melville: Culture and Criticism	3	ARTH 280	Picture That: History of Photography from Tintypes to Instagram	3
AMST 259	 Tobacco and America	3	ARTH 283	 Picturing Paris: 1800-2000	3
AMST 269	 Mating and Marriage in America	3	ARTH 353	Africa and Masks	3
AMST 276	Food and American Culture: What We Eat and Who We Are	3	ARTH 453	 Africa in the American Imagination	3
AMST 278	 Crimes and Punishments	3	ARTH 485	 Art of the Harlem Renaissance	3
AMST 283	American Home	3	ARTH 555	Urban Africa and Global Mobility	3
AMST 338	 American Indian Novel	3	ASIA 61	 First-Year Seminar: India through the Lens of Master Filmmakers	3
AMST 339	 The Long 1960s in Native America	3	ASIA 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
AMST 351	Global Waters, American Impacts, and Critical Connections	3	ASIA 72	 First-Year Seminar: Transnational Korea: Literature, Film, and Popular Culture	3
AMST 374	 America's Threatened Languages	3	ASIA 126	 Introduction to Persian Literature	3
AMST 398	 Service Learning in America	3	ASIA 127	 Iranian Women Writers	3
AMST 439	Meaning and Makers: Indigenous Artists and the Marketplace	3	ASIA 256	 Love in Classical Persian Poetry	3
AMST 460	 Rising Waters: Strategies for Resilience to the Challenges of Climate and the Built Environment <sup>H</sup>	3	ASIA 258	 Iranian Prison Literature	3
AMST 475	Documenting Communities <sup>H</sup>	3	ASIA 285	 The Buddhist Tradition: Southeast Asia and Sri Lanka	3
AMST 486	 The Jewish South: Race, Region, and Religion	3	ASIA 329	 Middle East Women Writers	3
AMST 641	Communicating Water Challenges of Climate Change with the Visual and Performing Arts	3	ASIA 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3
ANTH 59	 First-Year Seminar: The Right to Childhood: Global Efforts and Challenges	3	ASIA 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3
ANTH 60	 First-Year Seminar: Crisis & Resilience: Past and Future of Human Societies <sup>H</sup>	3	ASIA 359	 Literary Diasporas of the Middle East	3
ANTH 278	 Women in Science	3	ASIA 365	Chinese Diaspora in the Asia Pacific	3
ANTH 284	 Culture and Consumption	3	ASIA 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3
ANTH 330	 Melancholy Japan: Myth, Memory, and Everyday Life	3	ASIA 431	 Persian Sufi Literature	3
ANTH 331	 The Anthropology of Memory	3	ASIA 442	 Postcolonial Literature of the Middle East	3
ANTH 343	Africa and Masks	3	ASIA 471	 Gender and Sexuality in Middle Eastern Literature	3
ANTH 355	 Life, Society and Work in the Globalized City	3	ASIA 485	 Gender and Sexuality in Islam	3
ANTH 365	Chinese Diaspora in the Asia Pacific	3	ASIA 487	Mountains, Pilgrimage, and Sacred Places in Japan	3
ANTH 413	 Laboratory Methods: Archaeobotany	3	ASIA 488	 Shinto in Japanese History	3
ANTH 439	 Political Ecology	3	BIOL 81	 First-Year Seminar: Intuition, Initiative and Industry: Biologists as Entrepreneurs	3
ANTH 447	The Anthropology of Work <sup>H</sup>	3	BIOL 101L	 Introductory Biology Laboratory	1
ANTH 463	Settler Colonialism	3	BIOL 102L	 Introductory Biology Laboratory with Research	1
ANTH 484	Discourse and Dialogue in Ethnographic Research	3	BIOL 692H	 Senior Honors Thesis in Biology	3
ANTH 675	Ethnographic Method	3	BMME 698	 Biomedical Engineering Senior Design: Product Implementation and Strategy	3
ARAB 300	Arabic Grammar and Composition	3	BUSI 401	Management and Corporate Communication	3
ARAB 407	Readings in Arabic I	3			
ARTH 61	 First-Year Seminar: African American Art of the Carolinas	3			

BUSI 463	 Corporate Environmental Stewardship	3	COMM 88	 First-Year Seminar: Technologies of Popular Culture	3
CHEM 550L	 Synthetic Chemistry Laboratory I	2	COMM 113	 Public Speaking	3
CHIN 441	 Chinese-English Translation and Interpreting	3	COMM 131	Writing for the Screen and Stage	3
CHIN 443	Business Communication in Chinese	3	COMM 224	Introduction to Gender and Communication <sup>H</sup>	3
CHIN 545	 Chinese Science Fiction	3	COMM 318	 Cultural Diversity	3
CHIN 631	 Writing Chinese (in) America: Advanced Studies of a Foreign Literature from United States Homeland	3	COMM 334	Writing the One-Hour TV Drama	3
CLAR 51	 First-Year Seminar: Who Owns the Past? <sup>H</sup>	3	COMM 350	 Practices of Cultural Studies	3
CLAS 51	 First-Year Seminar: Greek Drama from Page to Stage <sup>H</sup>	3	COMM 375	Environmental Advocacy	3
CLAS 59	 First-Year Seminar: Ancient Magic and Religion	3	COMM 432	Visual Culture	3
CLAS 61	 First-Year Seminar: Writing the Past <sup>H</sup>	3	COMM 472	Rhetorical Criticism	3
CLAS 62	 First-Year Seminar: Bandits, Barbarians, and Rebels in the Ancient Mediterranean	3	COMM 499	 The Dark Side of Interpersonal Communication	3
CLAS 371	Cicero, Caesar, and the End of the Roman Republic	3	COMM 535	Introduction to Screen Adaptation	3
CLSC 630	 Research Methods in Clinical Laboratory Science	2	COMM 650	Cultural Politics of Global Media Economies	3
CMPL 150	 Critical Theory: Fear, Love, Laughter, and Loss - Film Genres and Spectatorship	3	COMP 523	 Software Engineering Laboratory	4
CMPL 212	 The Cinematic City	3	DRAM 79	 First-Year Seminar: The Heart of the Play: Fundamentals of Acting, Playwriting, and Collaboration	3
CMPL 246	 Body Politics in Modern Korean Literature <sup>H</sup>	3	DRAM 80	 First-Year Seminar: Psychology of Clothes: Motivations for Dressing Up and Dressing Down <sup>H</sup>	3
CMPL 250	 Approaches to Comparative Literature <sup>H</sup>	3	DRAM 81	 First-Year Seminar: Staging America: The American Drama <sup>H</sup>	3
CMPL 251	 Introduction to Literary Theory	3	DRAM 87	 First-Year Seminar: Style: A Mode of Expression <sup>H</sup>	3
CMPL 256	 Love in Classical Persian Poetry	3	DRAM 120	 Play Analysis <sup>H</sup>	3
CMPL 258	 Iranian Prison Literature	3	DRAM 131	Writing for the Screen and Stage	3
CMPL 260	 Landscape: Re-Imagining the Natural World	3	DRAM 231	Playwriting I	3
CMPL 267	 Contemporary German and Austrian Cinema	3	DRAM 279	Introduction to Theatre Management	3
CMPL 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3	DRAM 282	 Theatre History and Literature II	3
CMPL 359	 Literary Diasporas of the Middle East	3	DRAM 283	 Theatre History and Literature III	3
CMPL 395	Research, Creativity, and Innovation in the Humanities <sup>H</sup>	3	DRAM 285	 Modern British Drama <sup>H</sup>	3
CMPL 442	 Postcolonial Literature of the Middle East	3	DRAM 287	 African American Theatre	3
CMPL 460	 Transnational Romanticism: Romantic Movements in Europe and the Americas	3	DRAM 288	 Theatre for Social Change	3
CMPL 479	What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3	DRAM 294	Arts Criticism	3
CMPL 495	 Advanced Seminar	3	DRAM 300	 Directing	3
CMPL 527	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3	DRAM 488	 United States Latino/a Theatre	3
CMPL 545	 Chinese Science Fiction	3	DRAM 493	 Theatre Management	3
COMM 63	 First-Year Seminar: The Creative Process in Performance	3	ECON 55	 First-Year Seminar: Economics of Sports <sup>H</sup>	3
COMM 82	 First-Year Seminar: Food Politics from an Organizational Communication Perspective	3	ECON 57H	 First-Year Seminar: Constructing Your Own Venture	3
COMM 85	 First-Year Seminar: Think, Speak, Argue	3	ECON 486	 Gender and Economics	3
			ECON 551	 Economics of Education	3
			EDUC 231	 The Science of Well-Being	3
			EDUC 526	 Ethics and Education: From Global Problems to Classroom Dilemmas	3
			EDUC 529	 Education in American Society	3

EDUC 567	 Children's Literature in Elementary and Middle Schools	3	ENGL 208	 Reading and Writing Creative Nonfiction	3
EDUC 571	 The Maker Movement and Education	3	ENGL 210	 Writing Young Adult Literature	3
EDUC 572	 Psychology of Creativity	3	ENGL 211	 Writing Political Fiction	3
EDUC 574	Representations of Education in Documentaries	3	ENGL 248	 Intersectionality: Race, Gender, Sexuality, and Social Justice	3
ENEC 375	Environmental Advocacy	3	ENGL 250	Faulkner	3
ENEC 463	 Corporate Environmental Stewardship	3	ENGL 256	Crafting the Dramatic Film: Theory Meets Practice H	3
ENEC 491	Effective Environmental Communication	3	ENGL 257	Video Games and Narrative Cinema	3
ENGL 50	 First-Year Seminar: Multimedia North Carolina	3	ENGL 274	 Drama: PlayMakers Current Season	3
ENGL 52	 First-Year Seminar: Computers and English Studies H	3	ENGL 283	 Life Writing H	3
ENGL 55	 First-Year Seminar: Reading and Writing Women's Lives H	3	ENGL 292	 Youth in Culture	3
ENGL 59	 First-Year Seminar: Black Masculinity and Femininity	3	ENGL 295	 Undergraduate Research Seminar H	3
ENGL 69	 First-Year Seminar: Entrepreneurial on the Web	3	ENGL 300	Professional Writing and Editing	3
ENGL 72	 First-Year Seminar: Literature of 9/11	3	ENGL 300I	Professional Writing in Health and Medicine (Interdisciplinary)	3
ENGL 73	 First-Year Seminar: Literature of War from World War I to the 21st Century	3	ENGL 301	 Professional Writing in the Arts	3
ENGL 75	 First-Year Seminar: Interpreting the South from Manuscripts	3	ENGL 302	 Professional Communication for Social Movements	3
ENGL 76H	 First-Year Seminar: Biography: People and Places, Chapel Hill	3	ENGL 303	 Scientific and Technical Communication	3
ENGL 79	 First-Year Seminar: Globalization/Global Asians	3	ENGL 304	 Advanced Business Communication	3
ENGL 81	 First-Year Seminar: Jane Eyre and Its Afterlives	3	ENGL 305	 Advanced Legal Communication	3
ENGL 85	 First-Year Seminar: Economic Saints and Villains H	3	ENGL 307	 Studies in Fiction and Poetry: Stylistics	3
ENGL 86	 First-Year Seminar: The Cities of Modernism	3	ENGL 308	 Gram-O-Rama: Grammar in Performance	4
ENGL 116	 History of Writing: From Pen to Pixel	3	ENGL 317	 Writing and Social Networks	3
ENGL 117	 Arguing on the Internet: Rhetoric in the Age of Social Media	3	ENGL 318	 Multimedia Composition H	3
ENGL 118	Storytelling and Game Development	3	ENGL 323	 American Cinema of the 1970s: New Hollywood	3 Beyond
ENGL 121	 British Literature, 19th and Early 20th Century H	3	ENGL 324	 Creating the Video Essay	3
ENGL 127	 Writing about Literature	3	ENGL 351	 From Manuscript to Press: Writer as Publisher	3
ENGL 132H	 First-Year Honors: Introduction to Fiction Writing	3	ENGL 361	 Asian American Women's Writing	3
ENGL 133H	 First-Year Honors: Introduction to Poetry Writing	3	ENGL 370	 Race, Health, and Narrative H	3
ENGL 136	 The Publishing Industry: Editing, Design, and Production	3	ENGL 371	 The Place of Asian Americans in Southern Literature H	3
ENGL 137	Digital Literature	3	ENGL 384	 Podcasting	3
ENGL 149	 Digital Composition	3	ENGL 392	Professional Writing Portfolio Development and Publication	3
ENGL 150	 Introductory Seminar in Literary Studies	3	ENGL 402	Investigations in Academic Writing and Writing Centers	3
ENGL 161	 Literature of War from World War I to the 21st Century	3	ENGL 403	 Rhetoric and Social Justice H	3
ENGL 206	 Intermediate Fiction Writing	3	ENGL 406	 Advanced Fiction Writing	3
ENGL 207	 Intermediate Poetry Writing	3	ENGL 407	 Advanced Poetry Writing	3
			ENGL 408	 Collaboration: Composers and Lyricists	3
			ENGL 409	 Lyrics and Lyricists: A Collaborative Exploration of the Processes of Popular-Song Lyric Writing	3
			ENGL 411	Writing for Clients: Technical Communication Practicum	3
			ENGL 467	 Educating Latinas/os: Preparing SLI Mentors	3

ENGL 473	The Changing Coasts of Carolina	3	GERM 302	 Advanced Communication in German: Media, Arts, Culture	3
ENGL 480	Digital Humanities History and Methods	3	GERM 303	 German Literature and Culture	3
ENGL 482	 Metadata, Mark-up, and Mapping: Understanding the Rhetoric of Digital Humanities	3	GERM 367	Contemporary German and Austrian Cinema	3
ENGL 487	 Everyday Stories: Personal Narrative and Legend	3	GERM 385	Schein/Sein: Turkish German Culture, 1964 to Today	3
ENGL 488	 Critical Security Studies	3	GERM 479	What is a Medium? German Media Theory from Aesthetics to Cultural Techniques	3
ENGL 494	 Research Methods in Film Studies	3	GSLI 50	 First-Year Seminar: Literary Fantasy and Historical Reality	3
ENGL 495	 Mentored Research	1-3	GSLI 55	 First-Year Seminar: Fantasies of Rome: Gladiators, Senators, Soothsayers, and Caesars	3
ENGL 610	 Practicum in Health Humanities	3	GSLI 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3
ENGL 611	 Narrative, Literature, and Medicine: Advanced Interdisciplinary Seminar	3	GSLI 84	 First-Year Seminar: Terror for the People: Terrorism in Russian Literature and History	3
ENGL 638	 19th-Century Women Writers	3	GSLI 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3
ENGL 674	Digital Literature	3	GSLI 278	Music, Image, Text	3
ENGL 675	Teaching Online	3	GSLI 279	A River Runs Through It: Cultural Geography Through Imaginative Literature	3
ENGL 676	 Digital Editing and Curation	3	GSLI 295	Research, Creativity, and Innovation in the Humanities <sup>H</sup>	3
ENGL 680	 Film Theory	3	HIST 70	 First-Year Seminar: Seeing History in Everyday Places: Chapel Hill as a Case Study	3
ENGL 687	 Queer LatinX Environmentalisms	3	HIST 72	 First-Year Seminar: Women's Voices: 20th-Century European History in Female Memory <sup>H</sup>	3
ENGL 695	 Research Seminar	3	HIST 101	 A History of Lies, Conspiracies, and Misinformation	3
ENVR 205	Engineering Tools for Environmental Problem Solving	3	HIST 340	 Ethics and Business in Africa <sup>H</sup>	3
EXSS 430	Introduction to Leadership and Group Dynamics	3	HIST 398	 Undergraduate Seminar in History <sup>H</sup>	3
FOLK 484	Discourse and Dialogue in Ethnographic Research	3	HIST 438	 Medieval Masculinities, 500-1200 <sup>H</sup>	3
FOLK 487	 Everyday Stories: Personal Narrative and Legend	3	HIST 670	Introduction to Oral History	3
FOLK 670	Introduction to Oral History	3	HIST 672	Writing for a Popular Audience	3
FOLK 675	Ethnographic Method	3	HIST 692H	 Honors in History	3
FREN 255	 Conversation I <sup>H</sup>	3	INLS 384	 Information and Computer Ethics	3
FREN 310	 Conversation and Composition II	3	INLS 691H	 Research Methods in Information Science	3
FREN 350	 Current Societal Issues: France and Beyond	3	ITAL 310	 Italian Conversation	3
GEOG 52	 First-Year Seminar: Political Ecology of Health and Disease <sup>H</sup>	3	ITAL 337	Cinema for Italian Conversation	3
GEOG 62	 First-Year Seminar: The Culture of Technology	3	JWST 56	 First-Year Seminar: Germans, Jews, and the History of Anti-Semitism	3
GEOG 65	 First-Year Seminar: Climate Change in the Media <sup>H</sup>	3	JWST 269	Springtime for Hitler: Jews on Stage from Shakespeare to Mel Brooks	3
GEOG 415	 Making Your Research Matter: Effective Design and Communication to Help Make an Impact on the World	3	JWST 358	 Religion and Tradition in Israeli Cinema, TV, and Literature	3
GEOG 424	 Geographies of Religion	3	JWST 444	Gender and Sexuality in Contemporary Judaism	3
GEOG 543	 Qualitative Methods in Geography	3	JWST 486	 The Jewish South: Race, Region, and Religion	3
GEOG 650	 Technology and Democracy Research	3	JWST 533	 Women, Gender, and Judaism	3
GERM 267	 Contemporary German and Austrian Cinema	3	JWST 697	Capstone Course: Themes and Methodologies in Jewish Studies	3
GERM 268	Auteur Cinema	3			
GERM 284	Translations and Adaptations of German Pop Literature	3			
GERM 285	Contemporary German Literature in Translation	3			
GERM 301	 Advanced Applied German: Life, Work, Fun	3			

KOR 346	 Body Politics in Modern Korean Literature <sup>H</sup>	3	PLCY 75	 First-Year Seminar: Debates in Public Policy and Racial Inequality	3
KOR 407	 Modern Korean Literature and Culture	3	PLCY 210	Policy Innovation and Analysis <sup>H</sup>	3
KOR 408	 Changes and Continuities in Korean History	3	PLCY 305	Communicating Under Pressure: Tools for Effective Communication	3
KOR 409	 Korean Through Current Affairs	3	PLCY 450	 Internal and Interpersonal Conflict Management	3
LING 409	Cognitive Linguistics	3	PLCY 691H	 Honors in Public Policy	3
LING 484	Discourse and Dialogue in Ethnographic Research	3	PLCY 692H	 Honors in Public Policy	3
LTAM 697	Capstone Seminar	3	PLCY 698	 Senior Capstone in Public Policy	4
MASC 473	The Changing Coasts of Carolina	3	POLI 50	 First-Year Seminar: Movies and Politics	3
MEJO 153	Writing and Reporting	3	POLI 52	 First-Year Seminar: Friendship in Political Thought <sup>H</sup>	3
MUSC 52	 First-Year Seminar: Building a Nation: The Stage Musicals of Rodgers and Hammerstein, 1942-1949	3	POLI 248	 Intersectionality: Race, Gender, Sexuality, and Social Justice	3
MUSC 54	 First-Year Seminar: Music and Magic	3	POLI 265	 Feminism and Political Theory	3
MUSC 55H	 First-Year Seminar: A Love Affair in Renaissance Drama and Music	3	POLI 400	Executive Politics	3
MUSC 56	 First-Year Seminar: Early-Modern Court Spectacle	3	POLI 417	 Advanced Political Psychology <sup>H</sup>	3
MUSC 57	 First-Year Seminar: Music and Drama: Verdi's Operas and Italian Romanticism	3	POLI 421	 Framing Public Policies	3
MUSC 58	 First-Year Seminar: Music in Motion: American Popular Music and Dance	3	POLI 432	Tolerance in Liberal States	3
MUSC 59	 First-Year Seminar: 20th-Century Music and Visual Art	3	POLI 447	Immigrant Integration in Contemporary Western Europe <sup>H</sup>	3
MUSC 60H	 First-Year Seminar: American Literature and Its Music	3	POLI 476	The Political Theory of the American Founding	3
MUSC 61H	 First-Year Seminar: Reverberations	3	POLI 477	Advanced Feminist Political Theory	3
MUSC 62	 First-Year Seminar: Vienna: City of Dreams <sup>H</sup>	3	POLI 692H	 Honors Thesis Research	3
MUSC 63	 First-Year Seminar: Music on Stage and Screen <sup>H</sup>	3	PORT 310	 Advanced Communication in Portuguese: Media & Entertainment	3
MUSC 64	 First-Year Seminar: What is a Work of Art? Listening to Music	3	PORT 420	 Portuguese Language and Culture for the Professions	3
MUSC 355	 History and Culture of Music <sup>H</sup>	3	PORT 540	Cultural Topics from the Lusophone World	3
MUSC 390	Seminar in Music <sup>H</sup>	3	PSYC 62	 First-Year Seminar: Positive Psychology: The Science of Optimal Human Functioning	3
NSCI 61	 First-Year Seminar: Drug Addiction: Fact and Fiction <sup>H</sup>	3	PSYC 438	 Research Topics in the Psychology of Language	3
NSCI 693H	 Honors in Neuroscience I	3	PSYC 525	Psychological Archival Data Science	3
NSCI 694H	 Honors in Neuroscience II	3	PSYC 530	Design and Interpretation of Psychological Research	3
PHIL 55	 First-Year Seminar: Paradoxes	3	PSYC 693H	 Honors in Psychology I	3
PHIL 79	 First-Year Seminar: Words That Bind: The Structure of Constitutions	3	PSYC 694H	 Honors in Psychology II	3
PHIL 261	 Ethics in Action	3	PWAD 69	 First-Year Seminar: Wars and Veterans: Iran, Iraq, and Afghanistan	3
PHIL 285	 Moral and Philosophical Issues in Education <sup>H</sup>	3	PWAD 161	 Literature of War from World War I to the 21st Century	3
PHIL 397	 Philosophy Research Seminar for Undergraduates	3	PWAD 427	 Cold War Culture in East Asia: Transnational and Intermedial Connections	3
PHIL 691H	 Courses for Honors	3	PWAD 450	 Internal and Interpersonal Conflict Management	3
PHYS 281L	 Experimental Techniques in Physics	3	PWAD 484	 Critical Security Studies	3
PHYS 395	 Research with Faculty Mentor II	1-12	PWAD 670	Peace Making in the Israeli-Palestinian Conflict	3
PLAN 53	 First-Year Seminar: The Changing American Job	3	PWAD 674	 Research Seminar on the History of Covert Action	3
			PWAD 675	 War, Crimes against Humanity, and Justice	3

PWAD 680	Research Seminar in Peace, War, and Defense	3	WGST 533	Women, Gender, and Judaismism	3
RELI 60	First-Year Seminar: Religion and Racism	3	WGST 695	Senior Seminar: Principles of Feminist Inquiry <sup>H</sup>	3
RELI 73	First-Year Seminar: From Dragons to Pokemon: Animals in Japanese Myth, Folklore, and Religion <sup>H</sup>	3	H Honors version available. An honors course fulfills the same requirements as the nonhonors version of that course. Enrollment and GPA restrictions may apply.		
RELI 220	Religion and Medicine <sup>H</sup>	3	<b>Lifetime Fitness</b>		
RELI 285	The Buddhist Tradition: Southeast Asia and Sri Lanka	3	Lifetime Fitness (LIFE-FIT) is a required Reflection and Integration course in the IDEAs in Action curriculum (p. 1164).		
RELI 444	Gender and Sexuality in Contemporary Judaism	3	<b>Code</b>	<b>Title</b>	<b>Hours</b>
RELI 485	Gender and Sexuality in Islam	3	<b>Approved Courses</b>		
RELI 487	Mountains, Pilgrimage, and Sacred Places in Japan	3	LFIT 102	Lifetime Fitness: Adapted Physical Activity	1
RELI 488	Shinto in Japanese History	3	LFIT 103	Lifetime Fitness: Aerobics	1
RELI 524	Ethnographic Approaches to Contemporary Religion	3	LFIT 104	Lifetime Fitness: Exercise and Conditioning	1
RELI 527	Religious Metaphor and Symbol	3	LFIT 105	Lifetime Fitness: Indoor Sports	1
RELI 533	Women, Gender, and Judaismism	3	LFIT 106	Lifetime Fitness: Beginning Jogging	1
RELI 586	Women and Gender in Japanese Religions	3	LFIT 107	Lifetime Fitness: Intermediate Jogging	1
RELI 620	Feminism and Religion	3	LFIT 108	Lifetime Fitness: Outdoor Sports	1
RELI 697	Capstone: Undergraduate Seminar	3	LFIT 109	Lifetime Fitness: Racquet Sports	1
ROML 60	First-Year Seminar: Spanish and Entrepreneurship: Language, Culture, and North Carolina Communities	3	LFIT 110	Lifetime Fitness: Beginning Swimming	1
ROML 295	Research, Creativity, and Innovation in the Humanities <sup>H</sup>	3	LFIT 111	Lifetime Fitness: Swim Conditioning	1
RUSS 204	Intermediate Russian Communication II	3	LFIT 112	Lifetime Fitness: Walking	1
SLAV 248	Childhood and Adolescence in Slavic Literature <sup>H</sup>	3	LFIT 113	Lifetime Fitness: Weight Training	1
SOCI 68	First-Year Seminar: Immigration in Contemporary America	3	LFIT 114	Lifetime Fitness: Yoga and Pilates	1
SOCI 691H	Senior Honors Research and Seminar	3	LFIT 115	Lifetime Fitness: Cycle Fitness	1
SOCI 692H	Senior Honors Research and Seminar	3	LFIT 118	Lifetime Fitness: Flag Football	1
SPAN 255	Conversation I <sup>H</sup>	3	LFIT 129	Lifetime Fitness: Downhill Skiing and Snowboarding	1
SPAN 266	Spanish Conversation for Heritage Learners	3	LFIT 130	Lifetime Fitness: Soccer	1
SPAN 394	Creative Writing in Spanish	3	LFIT 138	Lifetime Fitness: Tennis	1
WGST 127	Iranian Women Writers	3	LFIT 140	Lifetime Fitness: Ultimate Frisbee	1
WGST 224	Introduction to Gender and Communication <sup>H</sup>	3	LFIT 145	Lifetime Fitness: Brazilian Jiu Jitsu	1
WGST 249	Intersectionality: Race, Gender, Sexuality, and Social Justice	3	LFIT 146	Lifetime Fitness: Sand Volleyball	1
WGST 254	Women in the Visual Arts I	3	LFIT 190	Special Topics in Lifetime Fitness	1
WGST 265	Feminism and Political Theory	3	LFIT 998	Lifetime Fitness Transfer Credit	1
WGST 270	Introduction to Transgender Studies	3	<b>Campus Life Experience</b>		
WGST 278	Women in Science	3	All full-time students will attend at least two on-campus organized activities, such as performances, talks, panels, workshops, etc., for each semester they are enrolled on campus (fall and spring only). Students may attend more or fewer events in a given semester as long as they attend the total number required during their career at UNC–Chapel Hill. Events that are required for a course the student is taking are still eligible to count toward the Campus Life Experience requirement. To be eligible, events must be sponsored by a UNC–Chapel Hill department, unit, or		
WGST 329	Middle East Women Writers	3			
WGST 361	Asian American Women's Writing	3			
WGST 402	Feminist Ways of Knowing	3			
WGST 448	Gender and Sexuality in Contemporary Judaism	3			
WGST 471	Gender and Sexuality in Middle Eastern Literature	3			
WGST 477	Advanced Feminist Political Theory	3			

registered student organization. Events may include students on the program but may not be entirely composed of students.

All approved events are posted to Heel Life (<https://heellife.unc.edu/>).

Additional information is available in Student Affairs (<https://studentaffairs.unc.edu/student-programs/campus-life-experience/student-information/>).

### **Additional Policies**

- If a student enrolls in a ninth or 10th semester, no additional CLEs are required. The maximum number of required CLEs is 16 regardless of the number of terms the student attended.
- Participating in a semester-length study abroad program (fall or spring) will count for 2 CLEs. Participating in a year-long study abroad program (fall and spring) will count for 4 CLEs.
- Part-time students will attend one Campus Life Experience event for each semester they are enrolled as a part-time student (fall and spring only). The maximum number of required CLEs is 16 regardless of the number of terms the student attended.
- Seniors approved for an underload are not required to complete 2 CLE events that semester.



# UNDERGRADUATE DEGREE REQUIREMENTS

## Undergraduate Degree Programs

The University offers programs of study leading to the bachelor of arts (B.A.), bachelor of arts in education (B.A.Ed.), bachelor of arts in media and journalism (B.A.M.J.), bachelor of fine arts (B.F.A.), bachelor of music (B.Mus.), bachelor of science (B.S.), bachelor of science in business administration (B.S.B.A.), bachelor of science in information science (B.S.I.S.), bachelor of science in nursing (B.S.N.), bachelor of science in pharmaceutical sciences (B.S.Ph.S.), and bachelor of science in public health (B.S.P.H.) degrees. The University does not award any credential below a bachelor's degree credential, and any approved undergraduate certificate must be awarded in conjunction with a bachelor's degree.

The College of Arts and Sciences offers more than 50 major fields of study (p. 1030). Professional school majors are also available to undergraduates by application and acceptance. Specific requirements for each major are included in this catalog. For information about the other undergraduate degree programs, please refer to the professional schools' sections in this catalog.

### Bachelor of Arts

Students seeking a bachelor of arts (B.A.) degree must complete the Supplemental General Education (p. 1164) requirement. Among other options, completing a minor or a second major fulfills the Supplemental General Education requirement.

### Bachelor of Science

Four-year programs leading to the degree of bachelor of science (B.S.) provide for specialization in a particular field and necessary instruction in related fields. In some B.S. programs offered by professional schools, General Education requirements may be reduced. Most B.S. programs, however, require students to complete quantitative reasoning courses beyond the General Education minimum and/or require specific quantitative reasoning courses.

### Bachelor of Fine Arts

A four-year program leading to the degree of bachelor of fine arts (p. 139) is offered by the Department of Art and Art History. It provides, for qualified students, preprofessional training in creative aspects of the field of art. Approximately one-half of the program is in the field of the major, and the other half is in the liberal arts and sciences.

### Bachelor of Music

The four-year program leading to the degree of bachelor of music (p. 724), housed in the Department of Music, emphasizes training and achievement in the performance or composition of music. Approximately one-half of the program is in the field of the major, and the other half is in the liberal arts and sciences.

## Dual Bachelor's–Graduate Degree Programs

The University offers dual bachelor–graduate degree programs. The programs currently offered are listed below. The requirements for the bachelor's degree must be completed within eight semesters of study (or 10 semesters of study for transfer students (p. 1241)). The requirements for the graduate degree can be completed in as few as two additional

semesters, for a possible total of 10 (or fewer) semesters of study. For information about the requirements and application process, please consult the relevant academic unit in this catalog.

- Biostatistics (p. 265) (B.S.P.H. –M.S.), Gillings School of Global Public Health
- City and Regional Planning (p. 290) (multiple bachelor's degree majors possible–MCRP), College of Arts and Sciences
- Computer science (p. 348) (B.S.–M.S.), College of Arts and Sciences
- Contemporary European studies (p. 508) and political science (B.A.–M.A. Trans-Atlantic Master's Program), College of Arts and Sciences
- Education M.A.T. (p. 1069) (multiple bachelor's degree majors possible), School of Education
- English and comparative literature (p. 441) with a concentration in literature, medicine, and culture (B.A.–M.A.), College of Arts and Sciences
- Environmental science and engineering (p. 500) (multiple B.S. degree majors possible or B.S.PH–M.S. or M.S.P.H.), Gillings School of Global Public Health
- Environmental science and information science (p. 480) (B.S.–M.S.I.S.), College of Arts and Sciences and the School of Information and Library Science
- Environmental studies or environmental science and public administration (p. 471) (B.A. or B.S.–M.P.A.), College of Arts and Sciences and the School of Government
- Environmental studies or environmental science and geography (B.A. or B.S.–M.A.), College of Arts and Sciences
- Environmental studies or environmental science and mass communication (p. 471) (B.A. or B.S.–M.A.), College of Arts and Sciences and the School of Journalism and Media
- Information science (p. 1099) (B.S.I.S.–M.S.I.S. or M.S.L.S.), School of Information and Library Science
- Linguistics (p. 684) (B.A.–M.A.), College of Arts and Sciences
- Nutrition (p. 739) (B.S.P.H.–M.S.), Gillings School of Global Public Health
- Public Policy (p. 858) (multiple bachelor's degree majors possible–MPP), College of Arts and Sciences
- Statistics and analytics (p. 1002) and statistics and operations research (B.S.–M.S.), College of Arts and Sciences

## Joint Degree Programs with the National University of Singapore (NUS)

UNC–Chapel Hill undergraduates can spend anywhere from two to four semesters at the National University of Singapore and receive a joint bachelor of arts degree from both institutions. Programs are offered in biology (p. 236), economics (p. 396), English (<http://catalog.unc.edu/undergraduate/programs-study/english-major-ba/>), geography (p. 546), history (p. 650), and political science (p. 821).

## Requirements for Undergraduate Degree Programs

The requirements and limitations that apply to all undergraduate degree programs are as follows:

- Students must successfully complete at least 120 semester hours of coursework (requirements are higher than this minimum in some bachelor of science degree curricula)

- Students must have at least a 2.000 final cumulative grade point average on all work attempted at the University of North Carolina at Chapel Hill.
- Students must satisfy all General Education requirements. In some B.S. programs offered by professional schools, General Education requirements may be reduced. No course used as a General Education requirement may be *declared* Pass/Fail.
- A minimum of 45 academic credit hours must be earned from UNC–Chapel Hill courses. These may include credits from study abroad programs sponsored by the University, only if they are faculty-led, graded UNC credit courses.<sup>1</sup>
- At least 24 of the last 30 academic credit hours applied to the degree requirements must be earned in UNC–Chapel Hill courses.<sup>2</sup>
- No more than 45 semester hours in any subject, as defined by subject code, may be used toward fulfilling the B.A. graduation requirement in the College of Arts and Sciences (excluding ENGL 100, ENGL 105, and ENGL 105I).
- Students completing the requirements for more than one major field of study will earn only one degree and receive only one diploma. For additional information, including which degree is awarded when completing more than one major field of study, refer to Policies and Procedures (p. 1287).

## Additional Notes

<sup>1</sup> Study abroad transfer credit does not count toward the minimum of 45 academic credit hours that must be earned from UNC–Chapel Hill courses. Students who have transferred in the maximum of 75 transfer hours from other institutions may study abroad on programs sponsored by the University where transfer credit is earned, but they still must earn 45 credit hours from UNC–Chapel Hill courses. *For additional information, please refer to University Policy Memorandum #14* (<https://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-14-administration-of-year-abroad-programs/>); *approved Fall 2020 for Spring 2021 implementation.*

<sup>2</sup> Study abroad transfer credit (earned on study abroad programs sponsored by the University) can count towards the final 24 hours that must be earned in UNC–Chapel Hill courses.

(Note: The language in the "Terms in Residence and Transferred Semesters" section below was changed on March 17, 2023.)

## Terms in Residence and Transferred Semesters

### First-Year Students

Students who enter the University as first-year students are expected to complete their undergraduate degree in eight semesters. Summer terms are not included in the semester count as noted below.

Students who wish to attend a ninth semester must submit a written petition to, and receive permission from, their dean's office. Permission to enroll in a ninth semester or beyond must be secured in advance. Permission to enroll in a ninth semester or beyond will not be granted for the sole purpose of completing multiple areas of study (i.e., a secondary major and a minor or two minors). However, students who receive permission to enroll in a ninth semester or beyond for other reasons may retain a secondary major or minor.

## Transfer Students

Transfer students who enter with fewer than two transfer semesters (UNC-equivalent semesters) are expected to complete their degree in eight total semesters (which includes both transferred semesters and terms in residence).

Students who enter with two or more transferred semesters may enroll in up to 10 total semesters and complete up to three areas of study, such as a secondary major and a minor or two minors.

For additional information, see "Transfer of Credit" in Undergraduate Admissions (<https://catalog.unc.edu/admissions/undergraduate/#text>) and "Calculation of Transferred Semesters Based on the Number of Transferred Credit Hours" in the Credit and Evaluation (<https://catalog.unc.edu/policies-procedures/credit-evaluation/>) section of the Catalog.

## Maximum Length of Study

Students who have completed their graduation requirements for their first degree may not receive financial aid for subsequent semesters. For additional eligibility information, refer to SAP policy (<https://studentaid.unc.edu/current/sap/>).

## Summer Semesters

Courses completed during summer semesters *after* a student is enrolled at UNC–Chapel Hill are not included in the semester count.

Transfer credit hours for courses completed during summer terms *prior* to enrolling at UNC–Chapel Hill are included in the transferred semester count. Summer enrollment at UNC–Chapel Hill immediately before the first semester of full-time, degree-seeking enrollment as a transfer student will not count towards the calculation of semesters completed.

*Maintained by the Educational Policy Committee. Last approved on January 27, 2017. See Resolution 2017-1.*

Students must complete a major field of study as prescribed by the academic unit.

## Requirements for Majors

The following requirements and limitations apply to all undergraduate academic majors at the University:

- Unless specifically prohibited by departments or curricula, major or minor courses may be used to satisfy General Education requirements.
- Courses in a student's major academic unit, or specifically required by the major, including foreign language courses, electives, and any additional required courses (or any courses cross-listed with such required courses) may not be declared a Pass/Fail course (p. 1265).
- A minimum cumulative GPA of 2.000 in coursework taken at UNC–Chapel Hill in the major core is required. *Some programs may require higher standards for admission to the program, for prerequisite courses in specific sequences, and/or for specific core courses, particularly for professional school programs with additional accreditation standards.*
- All students, including students transferring from another institution, must take at least half of their major core requirements (courses and credit hours) at UNC–Chapel Hill.
- Some majors require a gateway course that must be taken first, before enrolling in any other courses that satisfy the core

requirements in the major. Students must earn a grade of C or better (C- does not qualify) in the gateway course.

- No more than two courses (six to eight credit hours) of BE credit (p. 1257) may be used as part of the major core.

## Requirements for Minors

Students enrolled in the College of Arts and Sciences who wish to complete a minor in a professional school must receive permission from the professional school.

The following requirements and limitations apply to all undergraduate academic minors:

- A student may have no more than two minors, regardless of the student's major degree program. Academic units may exclude certain minors from being elected and completed by students majoring in these units.
- More than half (not merely half) of the credit hours and courses (including cross-listed courses) taken to satisfy the minor requirements must be counted exclusively in the minor and not double-counted in other majors or minors.
- At least nine hours of core requirements in the minor must be completed at UNC–Chapel Hill and not at other academic institutions. Certain academic units may require that more than nine hours must be completed at the University.
- Some academic units may disallow the double-counting of courses in the minor and as General Education courses.
- A minimum cumulative GPA of 2.000 in coursework taken at UNC–Chapel Hill in the minor core is required. Some programs may require higher standards for minor or specific courses.
- No more than one BE credit (p. 1257) course (three to four credit hours) may be used as part of a minor.
- All courses in the minor unit must be taken for a regular letter grade. Courses in a student's minor unit, or specifically required by the minor, including foreign language courses, electives, and any additional required courses (or any courses cross-listed with such required courses) may not be declared a Pass/Fail course (p. 1265).
- If students plan to pursue the completion of a minor, they are encouraged to declare their minor by early in the junior year.

## Combining Majors and Minors

Students in the College of Arts and Sciences are permitted to study up to three subjects in depth. They may do this in one of the following ways:

- one major
- two majors
- one major and one minor
- two majors and one minor
- one major and two minors

Students enrolled in professional schools who wish to have a second major or minor in the College of Arts and Sciences must receive permission from their professional school and the College of Arts and Sciences; students who receive permission to have a second major in the College of Arts and Sciences are required to complete all General Education requirements. Students enrolled in professional schools who wish to have a second major or minor in a different professional school must receive permission from both professional schools.

A student may pursue in-depth study in multiple areas by fulfilling all major/minor requirements in each of the selected disciplines, in addition to General Education requirements. Students may not pursue two concentrations (emphases, options, or tracks) within the same major. In general, students may pursue a minor in the same department or curriculum as the major, provided they follow the double-counting rules described below and do not exceed 45 credit hours of coursework in any one subject. For example, a major in Asian studies with a concentration in Japanese and a minor in Korean, both housed in the Department of Asian Studies, are permitted. Some departments may restrict majors and minors within the same academic unit, so please consult an academic advisor, the department, or the curriculum.

Courses that fulfill core requirements for a major or minor may be double-counted (applied to a second major or minor) with the following general limitation: more than half (not merely half) of the courses and course credit hours taken in each major/minor must be exclusive to that major/minor. In a 10-course major, for example, at least six courses, and at least 51 percent of the credit hours, should be counted exclusively in that major and should not double-count even if cross-listed with courses in a student's second major or a minor. Some majors may further restrict double-counting courses. Students who are pursuing two majors and a minor (or two minors and a major) may, in principle, use a single course to satisfy requirements in all three areas of study, provided that more than half (not merely half) of the courses and course credit hours taken in each major/minor are exclusive to that major/minor.

## Graduation

Beginning with the first day of registration for the term for which students expect to graduate, they should file an application for graduation online in ConnectCarolina or in person in the office of the dean. For students in the College of Arts and Sciences, this is the office of the Academic Advising Program. A student who has not filed an application for graduation on or before the announced deadlines for fall or spring graduation will not be included in the graduation program.

Students must pay tuition, fees, and other obligations owed the University before receiving a diploma.

### Graduation Requirements and Tar Heel Tracker

Total graduation requirements are determined by ConnectCarolina's Tar Heel Tracker degree-audit system. Students are also encouraged to meet with their academic advisor.

## Additional Policy and Procedures

The Policies and Procedures (p. 1256) section of this catalog contains information on many important topics, including registration, academic course load, academic eligibility, repeating course enrollments, final examinations, and the grading system, among others.

## Undergraduate Honors: Degrees with Distinction

To graduate with distinction or with highest distinction, students must have completed at least 45 academic hours at UNC–Chapel Hill and have an overall grade point average of at least 3.500 or 3.800 respectively. The grade point average is based on the grades received and recorded by the Office of the University Registrar as of the degree award date. No changes are permitted to the awards after that date.

## Undergraduate Honors: Degrees with Honors

Students who wish to graduate from UNC–Chapel Hill with honors or highest honors must complete a senior honors thesis project in their major field(s) of study. Such students need not have been members of Honors Carolina. They must, however, meet academic eligibility standards set by Honors Carolina and the individual departments, curricula, and professional schools that sponsor senior honors thesis programs.

Students with double majors may graduate with honors or highest honors in both fields of study. To do so, they must complete a distinct project in each field. Students may not undertake a senior honors thesis project in a minor field (Creative Writing is the sole exception) or in a field outside of their declared major(s).

Students who successfully complete a senior honors thesis project will have the designation “Honors” or “Highest Honors” recorded on their diplomas and transcripts and will be denoted in the Commencement bulletin at graduation. Creative Writing minors earning honors or highest honors will also be recognized in the Commencement bulletin and have a special remark added to their transcripts, but no designation will appear on their diplomas.

**Application for honors work:** Students should apply to the honors advisor in the department or curriculum of the major. Ordinarily, application is made during the junior year, although it is done earlier in some departments. Detailed information concerning the application should be obtained from the honors advisor in the major.

**Requirements for eligibility:** Students who wish to undertake a senior honors thesis project must have a cumulative grade point average of 3.300 or higher. Academic units that wish to impose a higher grade point average eligibility standard may do so by requiring that students meet both the cumulative 3.300 grade point average standard set by Honors Carolina office and a higher grade point average standard for all coursework required for the major.

**Nature and purpose of honors study:** Programs are provided for students who have demonstrated a high level of scholastic ability and achievement and who desire to pursue an intensive, individualized program of study in their major discipline. Senior honors thesis students must complete an original and substantial research, performance, or creative project under direct supervision by a faculty advisor.

Senior honors thesis projects are scheduled as a two-semester sequence of honors courses led by unit-designated faculty, independent study overseen by the faculty thesis advisor, or a combination of the two. Detailed guidelines on approved senior honors thesis scheduling formats are available on the Honors Carolina website (<http://honorscarolina.unc.edu>). Regardless of the scheduling format used, students must complete a total of 6.0 credit hours of senior honors thesis coursework during consecutive semesters, not during summer sessions.

A special written or oral examination on the student’s program is required during the final semester of honors study. The department or curriculum may impose other requirements that it deems appropriate. In every instance, study for honors will require academic excellence. When the student has fulfilled all requirements, the department or curriculum will recommend to the associate dean for honors that the degree be awarded with honors or with highest honors. The degree with highest honors is conferred in recognition of extraordinary achievement in a program of honors study.

**Procedures for granting degrees with honors:** The grade for coursework in connection with an honors project is determined by the faculty advisor and is (like all grades) subject to appeal. Successful completion of honors study does not automatically confer departmental honors. Before awarding a degree with honors or highest honors, the College of Arts and Sciences requires the recommendation of a student’s examining committee and the endorsement of that committee’s recommendation by the chair of the department or curriculum. A negative recommendation by the department is final and cannot be appealed. The associate dean for honors makes the final decision to award a degree with honors on the basis of the department’s positive recommendation and the student’s cumulative grade point average.

## Phi Beta Kappa

This national collegiate honor society is open to undergraduate students in the College of Arts and Sciences and in exceptional circumstances (as described below) to students enrolled in undergraduate professional degree programs. The following students in the College of Arts and Sciences are eligible for membership:

- Students who have completed at least 75 semester hours of graded academic coursework in the liberal arts and sciences at UNC–Chapel Hill with a quality point average of at least 3.850
- Students who have completed at least 105 semester academic course hours in the liberal arts and sciences, at least 45 of which must have been graded coursework taken at UNC–Chapel Hill with a quality point average of at least 3.750

No grades made at an institution from which a student has transferred shall be included in determining a student’s eligibility. The quality point average shall include all academic coursework in the liberal arts and sciences taken and counted toward the candidate’s degree (physical activity grades and hours are not included). Grades and hours received on courses taken after the candidate has received his or her degree shall not be counted.

Undergraduate students not enrolled in the College of Arts and Sciences who meet the general semester hours and quality point average described in the second bullet above and who have completed at least 90 semester hours of coursework in the departments and curricula of the College of Arts and Sciences (or the equivalents accepted for transfer credit from other institutions) are eligible for election.

## Dean’s List

To be eligible for the Dean’s List, full-time students who enter the University as first-time, first-year students beginning in fall 2010 must meet the following requirement:

- A 3.500 grade point average with no grade lower than a C and enrollment in at least 12 hours of letter-grade credit, exclusive of physical education activities (PHYA) courses.

The grade point average is based on the grades received and recorded by the Office of the University Registrar at the time the Dean’s List is published. No changes are permitted to the Dean’s List after that date.

# RESOURCES

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For a list of UNC resources, please see the University's Resources Web site (<https://studentsuccess.unc.edu/campus-resources/>).

Included in this section of the University Catalog are descriptions for some of the resources available to current and prospective students.

- Resources: Academic and Research (p. 1033)
- Resources: Campus Life (p. 1246)
- Resources: Career Planning (p. 1252)
- Resources: Health and Wellness (p. 1253)
- Resources: Service and Leadership (p. 1255)

# RESOURCES: CAMPUS LIFE

## Campus Safety

285 Manning Drive (via Hardin Drive)  
Monday - Friday, 7:30 a.m. to 5:00 p.m.  
(919) 962-8100 (non-emergency) or 911

UNC Police is committed to creating and maintaining an environment where students, employees, and visitors to campus can feel safe in this vital community. Through its philosophy of community-oriented policing (COP), the department strives to employ professionalism, problem solving, and innovative strategies to remain one of the premier public safety agencies in the nation.

Familiarize yourself with security resources such as the campus-wide network of emergency call boxes, Smart911, self-defense instruction, other crime prevention classes, and much more.

In addition, the University has the capacity to send emergency warnings by text message to students, faculty, and staff through its Alert Carolina initiative. The entire University community is encouraged to educate itself regarding UNC's emergency communications resources and to register cell phones for this method of communication by visiting the Alert Carolina website (<https://alertcarolina.unc.edu/>).

The LiveSafe App provides students, faculty, and staff a direct connection to UNC Police so that everyone can easily communicate all their safety needs. Its easy-to-use features help you stay safe every day and enable us to better protect you. Benefits include the ability to share information, tips, and safety concerns with UNC Police via pictures, video, or audio messaging; easy access to call or message UNC Police to summon help; access to SafeWalk (<https://safewalk.unc.edu/>), a GPS-tagged monitoring feature that allows your friends and family to keep you virtually covered until you arrive safely at a destination; and easy-to-find information and location of safety resources on and off campus. To download and set up LiveSafe on your iPhone or Android phone, select "University of North Carolina Chapel Hill" as your affiliation and fill in your user profile.

UNC-Chapel Hill students and staff can learn how to respond in an active shooter scenario by attending a "Shots Fired" training presentation offered by UNC officers.

Concerns may be addressed at the following campus telephone numbers:

- General Information: (919) 962-3951
- Police Emergencies: 911
- Police Non-emergencies: (919) 962-8100

## Carolina Housing

Student and Academic Services Building North  
CB# 5500  
450 Ridge Road  
(919) 962-5401  
[housing@unc.edu](mailto:housing@unc.edu)

Carolina Housing (<https://housing.unc.edu/>) works to provide convenient housing that is secure, inclusive, and supportive. Students create a home in our on-campus communities, build lifelong friendships and develop skills for their current and future successes as they journey through their Carolina experience. Students are encouraged to work towards leaving

their "HEELprint" on the larger University by connecting with resources, taking advantage of leadership opportunities, and making a difference while they are Carolina students. By getting involved, students develop an identity with the larger University community, create social networks, and find opportunities for intellectual, spiritual, physical, and occupational growth.

Carolina Housing is an integral part of the academic and social community at UNC-Chapel Hill. It is committed to providing an environment conducive to the educational, psychological, and social development of residents. It strives to build a community that balances respect for the individual as well as the rights and interests of the whole community. All members of the residence hall and apartment community – residents, staff, and visitors – are expected to act in a manner that demonstrates respect and consideration for those around them.

Carolina Housing offers a variety of academic success and engagement initiatives to help student staff and on-campus residents develop healthy academic habits and support systems that lead to student success. These initiatives include residential learning programs, academic advising in the residence halls, transitional programming for first-year students, faculty engagement programs such as Meals with Heels and the Scholar in Residence, individual community programming on academic success, and an experiential education course, EDUC 318. This holistic approach complements classroom experiences and lays the foundation for students to become better prepared to succeed in life beyond college.

**Graduate Student Housing.** Carolina Housing recognizes that the living needs of graduate and professional students are usually different from those of undergraduates. At Carolina, graduate and professional students can enjoy the benefits of being affordably close to classes, facilities, and events, and living in a community of fellow graduate students where the atmosphere is characterized by early quiet hours and respect for personal time and space.

Baity Hill Graduate and Family Housing (<https://housing.unc.edu/live/explore-the-halls/graduate-and-family-housing/>) is Carolina's on-campus community for graduate students providing apartment-style housing. The property houses students with families and graduate students with roommates. This one- and two-bedroom apartment community is situated on rolling hills adjacent to the campus. The apartments are within walking distance of the campus and are served by campus and city bus routes. Rental costs compare favorably with similar area housing.

Parking is available for graduate students on a limited basis, and a fare-free campus bus service offers several routes that connect the north, middle and south regions of campus. Find specifications for apartments by visiting the Carolina Housing website (<https://housing.unc.edu/live/explore-the-halls/graduate-and-family-housing/>).

Generally, demand for on-campus housing for graduate students exceeds the supply. On-campus housing is not guaranteed for graduate students, although every effort is made to offer a space to all applicants. Returning residents have priority to re-contract for the following academic year before spaces are offered to new graduate students. Additional information is available on the Carolina Housing website (<https://housing.unc.edu/live/explore-the-halls/graduate-and-family-housing/>).

**Off-Campus Graduate Student Housing.** Off-campus housing refers to any housing not owned and operated by the University of North Carolina at Chapel Hill. This category includes small group housing such as fraternities and sororities, as well as apartments, houses, and rooms. Two-thirds of the University's students live in the off-campus market.

Students will find furnished and unfurnished units, as well as units within walking distance to campus or spread throughout Chapel Hill and Carrboro.

## Carolina Union

The Carolina Union (<https://carolinaunion.unc.edu/>) creates safe, inclusive, and educational experiences that enable students to maximize their time at Carolina. "Carolina Union" is the term used for both the Frank Porter Graham Student Union Building and the University department that serves students in many areas of their cocurricular lives. Governed by a board of directors consisting of students and faculty, the Carolina Union's role is to unify the campus community by providing programs, services and facilities.

Cultural, educational, and social programs are planned and implemented by the Carolina Union Activities Board (<https://carolinaunion.unc.edu/programs-orgs/carolina-union-activities-board/>) (CUAB).

The Union contributes to the educational mission of the University by providing cultural, social, educational and entertainment programs. The Union also provides many services for the University community, supporting and enhancing student organizations and the programs they create.

- Student Life and Leadership (<https://carolinaunion.unc.edu/depts-services/student-life-leadership/>)
- Event Services (<https://carolinaunion.unc.edu/depts-services/event-services/>)
- Communications and Creative Services (<https://carolinaunion.unc.edu/services/communications-creative-services/>)
- Student Organizations (<https://carolinaunion.unc.edu/depts-services/student-organizations/>)
- Fraternity and Sorority Life (<https://fsl.unc.edu/>)

## The Office of the Dean of Students

Student Academic Services Building North, Suite 1106  
450 Ridge Road  
(919) 966-4042

The Office of the Dean of Students (<https://odos.unc.edu/>) provides support and assistance to the University of North Carolina at Chapel Hill community, empowering students to succeed in navigating the University environment. Its four pillars — Care, Collaborate, Celebrate, and Empower — inform its programs, services, and initiatives. The office often serves as a beginning point of contact for students, faculty members, staff, families, and community constituencies regarding various student concerns. It supports student academic, personal, and professional development through a combination of individual initiatives, innovative outreach programs, and cocurricular opportunities, as well as policy development and oversight.

## Off-Campus Student Life

Room 211 Henry Owl Building  
CB# 5000  
230 E. Cameron Ave  
(919) 445-5049

[offcampus@unc.edu](mailto:offcampus@unc.edu) (e-mail)  
[offcampus.unc.edu](http://offcampus.unc.edu) (<http://offcampus.unc.edu>) (Web)  
[offcampushousing.unc.edu](http://offcampushousing.unc.edu) (<http://offcampushousing.unc.edu>) (Web)

In alignment with the mission of Student Affairs at the University of North Carolina at Chapel Hill, Off-Campus Student Life (<http://offcampus.unc.edu/>) is committed to educating all students (undergraduate, graduate and professional) in life skills related to living off campus and in the community. These skills include:

- Becoming responsible tenants and community members knowledgeable of city ordinances and community quality of life issues
- Making informed choices about housing and roommates
- Gaining proficiency in problem solving when landlord and roommate difficulties arise
- Understanding personal safety and responsibility

For many students, transitioning into off-campus housing is as much a part of their college experience as first moving into the residence halls. For graduate and professional students, living in graduate housing like Baily Hill or in the community (Chapel Hill, Carrboro, or beyond) during their entire time at Carolina fits with their place in life and needs as a post-college adult. But, there can be significant challenges when leaving the intentional structure of an on-campus living environment. We are here to help students navigate their way as successful neighbors in our greater Chapel Hill–Carrboro community. We advocate for and educate toward the development of students as knowledgeable, active, and responsible community citizens. Students living off campus and in the community have rights and responsibilities associated with their pursuit of an enjoyable and safe living experience. We provide services and educational opportunities to promote the understanding of these rights and responsibilities throughout the off-campus student population.

## Fraternity and Sorority Life

3103 FPG Student Union, CB# 5210  
(919) 962-8298  
[greeks.unc.edu](https://greeks.unc.edu) (<https://greeks.unc.edu>) (Web)  
[twitter.com/uncgreeks](https://twitter.com/uncgreeks) (<http://twitter.com/uncgreeks/>) (Web)  
[greeklife.unc@gmail.com](mailto:greeklife.unc@gmail.com) (e-mail)

Fraternity and Sorority Life (<https://ofslci.unc.edu/>) provides services, programs, and assistance to the 50 fraternities and sororities that make up the Chapel Hill Greek community. The office's mission is to enhance the academic experience, holistic development, and civic contribution of students by providing effective services and developmental opportunities that enrich the Carolina experience. Fraternity and Sorority Life advocates for the fraternal movement by educating, advising, and empowering fraternities and sororities and their members to live according to their organizational values and contribute to the University and greater community.

## Information Technology Services

Web: [its.unc.edu](http://its.unc.edu) (<http://its.unc.edu>)  
Telephone: (919) 962-HELP (4357)  
T: 711 NC RELAY

Information Technology Services (ITS) leads UNC–Chapel Hill in planning, implementing and maintaining the University's technology services. The ITS staff is dedicated to delivering reliable, secure and satisfying information technology solutions and experiences to the University community.

For more information on free software, computer setups, and other tech services, visit [its.unc.edu/get-started](http://its.unc.edu/get-started) (<https://its.unc.edu/get-started/>).

To keep up with ITS throughout the year, follow @UNCTarHeelTech on Twitter.

## Adobe Creative Cloud

adobe.unc.edu (<http://adobe.unc.edu>)

UNC–Chapel Hill provides all students and instructional faculty and staff with access to Adobe Creative Cloud at no additional cost to students. Adobe Creative Cloud is a package of creative desktop applications for digital imaging, design, web, and video, plus free stock photos and cloud storage. Popular Adobe Creative Cloud apps include Photoshop, Illustrator, Premiere, Acrobat Pro, and InDesign. New students can activate their license by visiting [adobe.unc.edu](http://adobe.unc.edu) (<http://adobe.unc.edu>).

## Carolina Computing Initiative

cci.unc.edu (<http://cci.unc.edu>)

Undergraduate students are required to bring laptops that meet the University's minimum standards for their graduating class. The Carolina Computing Initiative (CCI) ensures that students have access to high-quality computers and exceptional support services. All CCI laptops come with a standard software package, warranty, and protection plans.

CCI laptops are offered at deeper discounts than standard educational pricing, and many students are eligible for laptop grants that cover the entire cost of a CCI laptop package. New students can apply for this need-based financial aid by submitting the College Board CSS/Financial Aid Profile to UNC–Chapel Hill. Purchase your laptop or use your laptop grant at the Tech Shop, the technology division of the UNC Student Stores.

Students who opt not to purchase a CCI machine are still required to bring a laptop that meets the technology requirements specified by the University.

Students with CCI laptops receive on-site tech support, hardware repair, and loaner laptops through the ITS Service Desk. While software and operating system support is available through the ITS Service Desk for non-CCI laptops, the level of support for students who own a CCI laptop is higher. Hardware support and loaner laptops are available on campus for students who own CCI laptops, while for non-CCI laptops, hardware support is the responsibility of the student.

For more information about the advantages of owning a CCI model, visit [cci.unc.edu](https://cci.unc.edu) (<https://cci.unc.edu>).

## Printing

UNC–Chapel Hill fee-paying students are given an allotment of pre-paid pages on their One Card for printing each semester. Once the allotted pages have been used, students may purchase additional pages.

## ITS Service Desk

The ITS Service Desk is the central point of contact for students who need tech help. The Service Desk assists students with hardware and software problems and answers questions about UNC–Chapel Hill technology services. Assistance is free to all students.

Students can contact the Service Desk by calling (919) 962-HELP, visiting [help.unc.edu](https://help.unc.edu) (<https://help.unc.edu>) to chat or submit a request, or visit us in person. Hardware repairs for CCI computers are made at the Service Desk. While students' CCI machines are being repaired, the Service Desk may be able to provide students with a loaner laptop.

## ResNET: Residential Networking, Education, and Technology

ResNET provides on-campus residents with on-site tech support and education. Residents are served by more than 40 live-in student techs who provide any tech support that residents may need. Throughout the year, ResNET hosts educational events focused on showing new technology on campus. ResNET maintains the Carolina Gaming Arena for campus computer and console gameplay. Find more at [resnet.unc.edu](https://resnet.unc.edu) (<https://resnet.unc.edu>) and [carolinagaming.unc.edu](https://carolinagaming.unc.edu) (<https://carolinagaming.unc.edu>).

### Download CarolinaGO

CarolinaGO, the University's official mobile app, is a collaboration between ITS and student leaders. With CarolinaGO, students can access a mobile version of ConnectCarolina, check dining hours, find bus schedules, check printing availability, and more. Maps also make it easy for new students and families to navigate campus. Search "CarolinaGO" in the App Store or Google Play.

## The James M. Johnston Center for Undergraduate Excellence

225 Graham Memorial  
218 E. Franklin Street  
(919) 966-5110

The James M. Johnston Center for Undergraduate Excellence (<http://honorscarolina.unc.edu/johnston-center/>) is a "democracy of learning" open to students, faculty, alumni, and visitors from all corners of the Carolina campus and beyond. The mission is to encourage undergraduates' active engagement with research, scholarship, and artistic endeavor; to promote innovative teaching; and to provide a social setting in which students can engage in thoughtful discussions with professors and classmates.

The Johnston Center houses Honors Carolina (<http://honorscarolina.unc.edu/>), the Office of Burch Programs (<http://honorscarolina.unc.edu/fellowships/burch-fellowship/>) and Honors Study Abroad (<http://honorscarolina.unc.edu/global-honors/>), the Office of Distinguished Scholarships (<http://honorscarolina.unc.edu/ods/>), the Office for Undergraduate Research (<http://honorscarolina.unc.edu/research/>), the Robertson Scholars Program (<https://robertsonscholars.org/>), and the Beasley Multimedia Center.

The Johnston Center's student-faculty advisory committee advises its director on all aspects of programming and planning.

## LGBTQ Center

Student Academic Services Building South, Suite 3308  
385 Manning Drive  
(919) 843-5376  
[lgbtq@unc.edu](mailto:lgbtq@unc.edu)

The Lesbian, Gay, Bisexual, Transgender, and Queer (LGBTQ) Center (<https://lgbtq.unc.edu/>) works to foster a welcoming and inclusive environment for UNC–Chapel Hill community members of all sexual orientations, gender identities, and gender expressions. The LGBTQ Center offers educational training programs such as Safe Zone, student social groups such as Club Soda, student leadership programs such as



the Ambassador's and direct support and advocacy to students, staff, and faculty.

## New Student and Family Programs

Student Academic Services Building South, Suite 3318  
(919) 962-8304  
newstudents@unc.edu

New Student & Family Programs (NSFP) (<https://nsfp.unc.edu/>) provides new undergraduate students the information and activities needed to transition smoothly to the University of North Carolina at Chapel Hill, and promotes an ongoing relationship between the families of undergraduate students and the University in support of their students' success.

To fulfill this mission, NSFP provides transition programs and services, communications for new students and families, and student leadership opportunities.

First-year and transfer students (and their families) attend New Student and Family Orientation prior to their first semester. The transition process continues when students arrive and participate in Weeks of Welcome.

NSFP's family programming includes Carolina Family Weekend, the Family Football Experience, communications through the UNC Family Experience portal, and family engagement opportunities, including the Carolina Parents Council.

NSFP provides paid student leadership opportunities across four student teams, including Orientation Leaders, the WOW Board, Project Coordinators, and Undergraduate Fellows.

## Student Affairs

Henry Owl Building  
230 East Cameron Avenue  
(919) 966-4045  
studentaffairs@unc.edu

Student Affairs (<https://studentaffairs.unc.edu/>) serves the University of North Carolina at Chapel Hill in collaboration with academic programs by providing transformational opportunities for students in the areas of student life, health and wellness, leadership and service, and diversity.

The importance of the learning process is paramount at the University of North Carolina at Chapel Hill. Student Affairs provides many services and programs that encourage and support the learning that takes place beyond the classroom. These departments and programs aim to assist students in integrating the various aspects of their lives so as to promote learning, self-awareness, self-determination, and broadened perspectives on the world. Student Affairs departments and programs afford students the opportunity to gain knowledge and develop skills to improve performance inside and outside the classroom; to enhance leadership potential; to find opportunities to serve fellow students and the community; to explore, plan, and prepare for a career; to plan for an active and rewarding life; to develop citizenship; and to improve interpersonal and life skills.

While Student Affairs offers programs designed primarily for undergraduate students, The Graduate School, on its own and in conjunction with various Student Affairs offices, offers programs and services intended to specifically address the needs of graduate and professional students.

The Office of the Vice Chancellor coordinates Student Affairs programs and provides guidance and leadership for its departments. The office also acts in a consulting role for faculty, administrators, and students who wish to raise issues that concern the University community, with a particular focus on student needs.

## Student Dining Services

Carolina Dining Services  
(800) UNC-MEAL  
36 Lenoir Drive, Chapel Hill, N.C. 27599

Carolina Dining Services (<https://dining.unc.edu/>) offers several meal plans that offer the convenience and value of purchasing meals on campus ahead of time. Meal purchases can be made with the UNC One Card using a meal plan, Dining Flex, à la carte, expense, or cash. To find out more about acquiring a UNC One Card, visit the One Card Office website (<https://onecard.unc.edu/>) or the UNC One Card office on the third floor of UNC Student Stores.

Students can use their meal plans at several of the campus all-you-care-to-eat dining facilities, as well as at retail locations, food trucks, for on-campus delivery, and more. On North Campus, Top of Lenoir is an award-winning facility with an array of menu choices. On South Campus, the Rams Head Dining Hall is a 30,000 square foot state-of-the-art facility that includes several restaurants and all-you-care-to-eat venues.

## Student Government

The by-laws of the Board of Trustees of the University invest in the chancellor of the University "the duty . . . to exercise full authority in the regulation of student conduct and in matters of student discipline." At the same time the chancellor has delegated authority to exercise disciplinary and administrative functions in student life to agencies of student government. Within the context of this delegated authority and responsibility, the student body at the University has been self-governing for decades.

Student government at Carolina is more than 100 years old, and hundreds of students are involved in the various branches every year. From serving on the Board of Trustees to the appropriation, oversight, and authority of student fees, from instituting governmental service to enforcing the Honor Code, student government affects the life of every student every day.

The entire framework of student government's activities rests on its ability to maintain the foundation of administrator-student relations. The University should serve as an advisor, not as a supervisor, to the student body. To enjoy this freedom, students at Carolina must be willing to take a certain amount of responsibility to develop their own community and community values. Student government serves to maintain this freedom and the advisory, not supervisory, relationship.

In 1876 the Honor System officially ended all vestiges of the monitorial system; in 1904 a judicial body, the University Council, was established; in 1938 the Student Legislature was established; and in 1946 a written constitution was approved. In 1968 the coeducational Honor Court was formed out of the Men's Court and Women's Court to hear all Honor Code cases. The *Instrument of Student Judicial Governance* was ratified and put into operation in 1974, was significantly revised in 2003, and then amended in 2015 and 2017.

Student government at UNC–Chapel Hill approximates the federal system of government with its three branches: an executive branch, a legislative branch, and a judicial branch.

## The Executive Branch of Student Government

This group (<http://execbranch.unc.edu/>) serves as the official voice of the student body to the University and broader community, including the town of Chapel Hill and the state of North Carolina. Heading the executive branch is the student body president, assisted by the vice president, the president of the Graduate and Professional Student Government, student body treasurer, student body secretary, the chief of staff, and the senior advisor. As determined by and reflective of the needs of the student body, the president structures his/her cabinet and committees and makes appointments to a wide range of University committees that address those needs and other concerns as they arise during the year. These committees usually include hardship parking, elections board, University services, information technology, student life, minority affairs, first-year focus council, and public service.

## Legislative Branch

Student Congress is unicameral, consisting of 41 representatives elected by the student body, with the student body president and the student body treasurer serving as nonvoting ex officio members. The speaker of the Student Congress is elected from among the 41 representatives. Graduate and professional students and on- and off-campus undergraduates are proportionally represented in the Congress.

Student Congress handles considerable legislation and, as one of its primary responsibilities, oversees the student activity fees budget and other student fee areas. Established by student and University committees before approval by the Board of Trustees, a predetermined amount of the fees paid by each student provides the source of funds for Student Congress's annual allocation and subsequent appropriations budgets. These funds are allocated to petitioning student organizations that have received official University recognition. The student body can petition for changes in the student activities fee at any time.

Student Congress representatives are elected in the spring for one-year terms, and each member serves on one of three standing committees: finance, rules and judiciary, and student affairs. A fourth committee, ethics, is composed of senior members of the Congress.

## Judicial Branch

There are two major areas that comprise the judicial branch; the first is responsible for the *Instrument of Student Judicial Governance*, and the second is responsible for resolving issues related to the Student Code (<https://senate.unc.edu/law/>).

The Honor Court hears all cases involving potential violations of the Honor Code. There are separate courts for undergraduate students, graduate students, and students in the Schools of Law, Medicine, Dentistry, Pharmacy, and Business. The Honor Court is organized as follows:

- Office of the Student Attorneys General: The appropriate (undergraduate or graduate) student attorney general investigates all potential violations of the Honor Code. Staff members also present cases to the Honor Court and assist students accused of violating the Honor Code.
- University Hearings Board: These boards are made up of faculty, staff, and students. The University Hearings Board generally hears appeals of Honor Court cases.

- Students interested in serving on the Honor Court or the student attorney general's staff should contact the Honor System Office at (919) 966-4084 for information about how to apply.
- Student Supreme Court: This court adjudicates all issues of student constitutional law to be decided under the Student Code. This body most closely fills the traditional judicial branch of government and consists largely of students with previous experience in student government, mediation, and/or law.

## For Graduate Students

The Graduate and Professional Student Government (GPSG) (<http://gpsf.unc.edu>), the official representative of graduate and professional students at the University, is organized based on school, departmental, and curricula organizations. The GPSG provides communication between graduate and professional students, represents graduate and professional students both within and outside the University community, and provides structures capable of dealing with ongoing issues and concerns. It also allocates and administers the funds appropriated to it from student fees. Every duly enrolled graduate and professional student is automatically a member of the GPSG.

## Transportation and Parking

Public Safety Building at 285 Manning Drive (via Paul Hardin Drive)  
(919) 962-3951  
Weekdays 7:30 a.m. to 5 p.m.

Transportation and Parking (<https://move.unc.edu/>) is an essential part of the University and is responsible for coordinating all traffic, parking, and transportation around campus.

## Parking

Students at UNC–Chapel Hill who park an automobile on weekdays in University parking areas are required to obtain a parking permit. Students, excluding first years, may apply for parking permits during online registration (<https://move.unc.edu/parking/student-parking/>). Transportation and Parking uses virtual permits for parking on campus.

Weeknight parking is in effect Monday evenings through Friday mornings from 5 p.m. to 7:30 a.m. Student fees cover the annual permit cost (excluding first-year students). Daytime permits are honored during weeknight parking and no further action is required. Students without a daytime permit must register their license plate online (<https://move.unc.edu/parking/weeknight-parking/>) to receive weeknight parking access for the academic year.

Parking permit holders must park only in specific zones as indicated on their permit assignment. Please note the signs at the entrances to each lot which detail the hours of enforcement for that parking area.

## Accessibility Accommodations

Students who have mobility limitations that require transportation accommodations must apply through the Transportation and Parking Accommodations Committee (<https://move.unc.edu/parking/accessibility/tpac/>). In accordance with the Ordinance Regulating Traffic and Parking at the University of North Carolina at Chapel Hill (<https://move.unc.edu/about/publications/parking-ordinance/>), students are required to apply for and purchase the appropriate permit to park in the spaces reserved for mobility-impaired employees and students.

Vehicles found parked illegally may be cited by Transportation and Parking and subsequent violations may result in further citations, immobilization ("booting"), or towing of the vehicle. Citations may be

appealed through the Transportation and Parking Appeals Office within 10 calendar days upon receipt of the citation. Citations can be appealed in person during office hours Monday through Friday from 7:30 a.m. to 5 p.m., online (<https://move.unc.edu/account/>) or by mail.

### Commuter Alternative Program

The Commuter Alternative Program (<https://move.unc.edu/cap/>) (CAP) is designed to reward University employees and students for the use of alternative transportation (bicycling, walking, transit, or ridesharing) as their primary commute to campus. CAP is only available to off-campus students who do not have an on-campus daytime parking permit. CAP offers prizes, discounts from local merchants, and other benefits to members.

### Local and Regional Transit

The University and the towns of Chapel Hill and Carrboro work together to provide the fare-free Chapel Hill Transit (<http://www.townofchapelhill.org/town-hall/departments-services/transit/>) system. No bus pass is needed when boarding a Chapel Hill Transit bus, and anyone can ride. Campus U and RU (Reverse U) routes run in continuous loops from 7 a.m. to 8 p.m., serving nearly every area on campus.

Commuting students can use any of the Park and Ride lots served by Chapel Hill Transit. All Park and Ride lots require a permit, which may be purchased through Transportation and Parking (<https://move.unc.edu/transit/park-ride/>) or through the Town of Chapel Hill (<http://www.townofchapelhill.org/prlots/>). In the case of an emergency, the University's P2P Emergency Ride Back (<https://move.unc.edu/p2p/on-demand/>) service is available to provide transportation to the Park and Ride lots or any location within Carrboro or Chapel Hill municipal boundaries.

Regional transit to the Raleigh-Durham International Airport (RDU), Raleigh, Durham, Hillsborough and other nearby cities is available through GoTriangle. Bus service to Alamance, and Guilford counties is also available, and all regional transit agencies provide free Park and Ride (<http://move.unc.edu/transit/>) lots. Get transit directions using Google Maps (<https://transit.google.com/>) and see buses in real-time online (<http://triangle.transloc.com/>) or by downloading the TransLoc app. For more route information, call GoTriangle at (919) 485-RIDE or visit the GoTriangle website (<https://gotriangle.org/>).

### Point-to-Point

Point-to-Point (<http://move.unc.edu/p2p/>) (P2P) offers fare-free, fixed-route service aboard the P2P Express buses, operating on a continuous loop around campus during evening hours, 7 p.m. until 4 a.m., seven nights a week when residence halls are open during fall, spring and summer semesters. Students must show their UNC One Card to board the P2P Express. After dark, on-demand services can be requested by students in areas that are not served by the P2P Express route. P2P also offers fare-free, on-demand transportation service to students with accessibility needs and students going to or from Campus Health 24 hours a day. It also offers additional services including the fixed-route P2P Shuttle serving Baity Hill, an airport shuttle to RDU for select school breaks, and more. On-demand services can be requested with the TransLoc app.

### Safe Ride

Safe Ride (<https://www.townofchapelhill.org/government/departments-services/transit/safe-ride-program/>), operated by Chapel Hill Transit (<http://chtransit.org>), aims to provide increased mobility between 11 p.m. and 2:30 a.m. There are three Safe Ride bus routes operating on

Thursday, Friday, and Saturday nights when the University is in session. They provide service between campus and many private student housing developments, as well as other off-campus destinations.

### Bicycle Registration

Bicycle registration is required for bicycles on campus. The program serves as a deterrent to crime, aids in the identification of lost or stolen bicycles, and enables the University to plan for improved bicycle parking facilities around campus in the future. All students who register their bikes will receive a 50% off coupon for a U-lock from UNC Student Stores. Bicycle registration can be done online (<http://move.unc.edu/bike/>) or in person at the Public Safety Building. Cyclists who live off campus may join the Commuter Alternative Program.

### Tar Heel Bikes

The University partners with Spin to provide the Tar Heel Bikes bikeshare program (<https://move.unc.edu/bike/bikeshare/>) for the Carolina community. A fleet of 100 electric assist bikes is located at bikeshare hubs across campus. These e-bikes are available for use by students, employees, and visitors, and provide a convenient and cost-effective way to get around campus and designated areas throughout Chapel Hill and Carrboro.

### Share The Ride NC Rideshare Matching

Share The Ride NC (<http://unc.sharetheridenc.org/>) is an easy way to quickly and securely find a carpool partner. The private UNC–Chapel Hill Share The Ride NC community allows you to find friends, classmates, and coworkers going the same way you are. Share The Ride NC helps you offer or request rides for commutes, road trips and popular events. Riders choose the meeting location, days, and times they want to carpool.

### Zipcar

Zipcar (<http://www.zipcar.com/unc/>) is a convenient car sharing service that allows students and employees to access a vehicle on demand by the hour or day. Cars are located throughout campus and can be reserved online or by phone 24 hours a day, seven days a week.

### For More Information

Concerns may be addressed at the following campus telephone numbers:

- General Information (919) 962-3951
- Parking Control (919) 962-8006
- Accounts Receivable (919) 962-3097
- Parking Appeals (919) 962-3953
- Point-to-Point Shuttle Dispatcher (919) 962-7867 (962-"P-TO-P")

Students with temporary mobility limitations or other hardships requiring special consideration should contact Accessibility Resources and Service (<https://ars.unc.edu/>) for complete information on transportation options.

# RESOURCES: CAREER PLANNING

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## University Career Services

219 Hanes Hall  
150 E. Cameron Avenue  
(919) 962-6507  
ucs@unc.edu

The mission of University Career Services (<http://careers.unc.edu>) (UCS) is to support the mission of the University and Student Affairs by providing personalized and innovative career education to empower student success and transformation.

Our vision is for all UNC–Chapel Hill students to create lives of purpose and prosperity in alignment with their personal goals. To that end, we partner with various campus stakeholders to provide outreach and equitable access to our services and resources. All of our strategic priorities are aligned with the Division of Student Affairs (<https://studentaffairs.unc.edu/about-us/mission-and-vision/strategic-priorities/>) and Carolina Next (<https://carolinanext.unc.edu/initiatives/>) which spell out expectations for building community, strengthening student success, enabling career development, and fostering discovery.

USC services for both undergraduate and graduate students include workshops, one-one-one career coaching meetings, full- and part-time job and internship opportunities online (Handshake (<https://careers.unc.edu/students/resources/handshake/>)); major and career assessments; and many print and electronic resources. Our programs include career panels and fairs, industry nights, and pre-graduate and law school exploration programs.

Services are limited to enrolled students in a UNC–Chapel Hill degree program and alumni for six months after graduation. Students in law, dentistry, and medicine and students enrolled in the M.B.A. and M.A.C. programs are served by career services in their departments, rather than by UCS.

# RESOURCES: HEALTH AND WELLNESS

## Accessibility Resources and Service

Accessibility Resources and Service (<https://accessibility.unc.edu>) (ARS) supports the University's commitment to accessibility, and seeks to meet the individual needs of applicants and current students with disabilities and medical conditions as they relate to academics, residences, dining, and co- and extra-curricular campus activities. ARS coordinates and implements appropriate reasonable accommodations including academic adjustments and provides appropriate resources and services in accordance with the American with Disabilities Act Amendments Act (ADAAA) and Section 504 of the Rehabilitation Act (504). Individual needs are addressed on a case-by-case basis through the provision of reasonable accommodations, allowing the University to maintain the integrity of its programs and services.

ARS works with all students including undergraduate and graduate students, full-time and part-time students, students following continuing education courses or who may be auditing, and program applicants. Prospective and existing students are invited to connect with ARS through the submission of a self-identification form (<https://ars.unc.edu/students/request-forms/connect-ars/>) and supporting documentation (<https://ars.unc.edu/students/request-forms/documentation-guidelines-and-information-applicable-esa-accommodation/>).

ARS is located in the Student Academic Services Building North (Suite 2126) between the Rams Head Center and Morrison Residence Hall. Office hours are 8 a.m. to 5 p.m., Monday through Friday. ARS staff can be contacted by email at [ars@unc.edu](mailto:ars@unc.edu) or telephone at (919) 962-8300 (V) (TTY-711 [NC RELAY]). More information is available on the ARS website (<https://ars.unc.edu/>).

## Campus Health Services

Campus Health Services (<http://campushealth.unc.edu>) (CHS), located next to Kenan Stadium in the James A. Taylor Building, provides a broad range of health care services including primary care, orthopedics, obstetrics and gynecology, nutrition services, dermatology, travel information and immunization, and allergy management. For convenience, in-house laboratory, radiology, pharmacy, and physical therapy services also are available. CHS also provides counseling and psychological services; please see the Counseling and Psychological Services section for greater detail about services offered.

### Eligibility

Any student or postdoctoral fellow who has paid the campus health fee (<https://campushealth.unc.edu/charges-insurance/campus-health-fee-charges-and-payments/>) for the current semester or summer session is eligible for health care at CHS. Spouses of full-time students and postdoctoral fellows can receive care at CHS.

### Health Fee

Currently, the fee covers the cost of most professional services (there is no charge for office visits) provided by CHS physicians, nurse practitioners, physician's assistants, nurses, physical therapists, and registered dietitians. The health fee also provides reduced charges for prescription drugs, miscellaneous supplies, laboratory tests, X-rays, medical procedures, and specialty services. Spouses of students are

eligible to receive the same services as students by paying the campus health fee at CHS and demonstrating appropriate insurance coverage.

### Hours

Hours of operation vary according to the academic calendar. Hours of operation during the academic year are 8:00 a.m. to 6:00 p.m. Monday through Friday. Students are typically seen on an appointment basis from 8:00 a.m. to 5:00 p.m. Acute care services are provided between 8:00 p.m. and 6:00 p.m. Monday through Friday and from 8:00 a.m. to 5:00 p.m. on Saturday and Sunday during the fall and spring semesters. Weekend acute care services are considered premium services and there is an associated visit charge. Hours of operation in the summer are 8:00 a.m. to 5:00 p.m. Monday through Friday. If CHS is closed, students have access to a nurse advice line through UNC Healthlink, and there is always a CHS physician on call. Call (919) 966-2281 to verify hours of operation, schedule an appointment, or to speak with the Healthlink nurse when CHS is closed.

### Immunizations

North Carolina law mandates that all new students at the University document the completion of immunization requirements (<https://campushealth.unc.edu/services/immunizations/>). Failure to comply may result in cancellation of registration 30 days after classes begin. Vaccines are offered at Campus Health Services at reasonable rates for students who need to complete their immunization requirement.

### Mandatory Health Insurance

The University requires proof of health insurance (<https://campushealth.unc.edu/charges-insurance/mandatory-student-health-insurance-hard-waiver-process/>) as a condition of enrollment. The University offers a group health insurance plan, including major medical benefits to single and married students, their spouses/partners, and children.

## Campus Recreation

Campus Recreation (<https://campusrec.unc.edu/>) offers amenities for all fitness and recreation wants, needs, and desires of the UNC population. It provides a diverse and intentional recreational program in a safe, inclusive, and accessible environment which enhances the social, mental, and physical well-being of the entire University community. Campus Recreation enjoys a unique dual reporting relationship with the Department of Exercise and Sport Science (EXSS) and its rich history and commitment to a healthy and active lifestyle, and with the Division of Student Affairs (<https://studentaffairs.unc.edu/>), which represents the Carolina spirit of student development and living outside the classroom.

### Facilities

Campus Recreation offers a variety of facilities (<https://campusrec.unc.edu/facilities/>) to satisfy the wants and needs of all UNC students, faculty members, and staff. The two fitness centers, the Student Recreation Center and Rams Head Recreation Center, offer cardiovascular and weight training equipment, as well as an indoor track, locker rooms, and group fitness studios. Basketball, squash, and racquetball courts, along with equipment for check-out, can be found throughout Fetzer Hall and Woollen Gym. These facilities also feature a cycle studio, climbing walls, and multipurpose rooms that can function for practice and instruction of a variety of fitness types. Both an indoor and an outdoor pool are located near the heart of campus. North and South Campus feature recreation complexes and fields for playing basketball, volleyball, tennis, and any other sport. The Outdoor

Education Center, located off Country Club Road, is also a great facility for experiencing how recreation and the outdoors can go hand-in-hand.

## Intramural Sports

Intramural Sports (<https://campusrec.unc.edu/programs/intramuralsports/>) offers opportunities for students to compete against their peers in a friendly and structured environment.

## Sport Clubs

A sport club (<https://campusrec.unc.edu/programs/sport-clubs/sport-clubs-directory/>) is a University-recognized student organization formed by individuals with a common interest in a sport. Its primary goal is to promote and develop interest in a particular sport and recruit new members. Clubs may be instructional, recreational, and/or competitive.

## Fitness and Wellness

Fitness and Wellness (<https://campusrec.unc.edu/programs/fitness/>) is housed in the Student Recreation Center (SRC) and Rams Head Recreation Center (RHRC). Both facilities offer a wide variety of cardiovascular equipment, including many stationary bikes, stair climbers, treadmills, and cross-trainers/elliptical machines.

Over the years, Fitness and Counseling and Wellness Services (of Campus Health Services) have teamed together to enhance student wellness through greater collaborative programming, such as Powerfully Pink (a breast cancer awareness program), Women's Health and Fitness Day, the Farmer's Market, Fit Wellness into Your Day, and the Get Fit from Head to Heel Challenge.

## Counseling and Psychological Services

Counseling and Psychological Services (<https://caps.unc.edu/>) (CAPS), a department of Campus Health Services, is located on the third floor of the James A. Taylor Building.

The CAPS staff is strongly committed to addressing the mental health needs of a diverse student body through timely access to consultation and connection to clinically appropriate services. CAPS affirms that people of every background are to be treated with respect and dignity. The professional ethics and standards of the multidisciplinary staff at CAPS set a framework for understanding how facets of identity (e.g., gender, ethnicity, race, sexual orientation, gender identity/expression, age, physical and mental abilities, religious beliefs, and socioeconomic background) impact life experience. The CAPS approach to mental health integrates physical, emotional, academic, spiritual, social, and cultural well-being. Counseling and Psychological Services include individual, couples, and group therapy, urgent consultation and crisis intervention, and medication evaluation/management. The CAPS staff consists of licensed psychologists, psychiatrists, clinical social workers, psychology practicum students, interns, and administrative support personnel.

Counseling and Psychological Services can be reached Monday through Friday from 8:00 a.m. to 5:00 p.m. at (919) 966-3658. CAPS invites initial evaluations without an appointment Monday through Friday from 9:00 a.m. to noon and 1:00 p.m. to 4:00 p.m. Students who have a psychological crisis should call (919) 966-3658 immediately. If the crisis occurs after hours, call Campus Health Services at (919) 966-2281.

## Student Wellness Services

Student Wellness Services (<http://studentwellness.unc.edu>) seeks to enhance the individual and collective health of the community through a wide range of programs, services, and resources. Through

partnerships with other campus departments, community agencies, student organizations, and peer mentors, we work to develop and advocate for a campus and community environment that creates, emphasizes, and supports healthy choices and positive decision making regarding health, safety, and wellness.

Student Wellness promotes wellness as a journey rather than an outcome and believes that students' health choices, as well as the culture of the community around them, involve a dynamic and multifaceted integration of eight dimensions of wellness: physical, emotional, spiritual, social, cultural, environmental, intellectual, and financial. Using these dimensions, Student Wellness provides integrative programs and services related to a variety of health topic areas, including healthy relationships and sexual health; stress management; sleep hygiene; alcohol and other substance education, interventions, and recovery supports; and violence prevention.

Student Wellness provides these programs and services on an individual, group, and larger campus community level.

The office, located in Suite 1310 of the Student Academic Services Building (SASB) South, can be reached Monday through Friday from 9:00 a.m. to 5:00 p.m. at (919) 962-9355.

# RESOURCES: SERVICE AND LEADERSHIP

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## Campus Y

The Campus Y (<https://campusy.unc.edu/>) is an extraordinarily vibrant, student-driven organization, promoting social justice and social innovation locally, nationally, and internationally. Over more than a century and a half of service, it has incubated such essential campus institutions as Student Stores, Career Services, Intramural Athletics, and New Student Orientation. It has also provided the incubation space and resources for launching fully independent nonprofit organizations such as Nourish International, the Student Environmental Action Coalition, and the Student Coalition for Action in Literacy Education. Over the course of a typical year, approximately 2,000 UNC–Chapel Hill students channel their idealism, passion, and sweat equity into a diverse array of service and advocacy initiatives, including but not limited to public health, youth development, education, human rights, micro-finance, food security, and environmental advocacy. The Campus Y is led by the student executive board and the chairs of more than 30 committees and is supported by a professional staff of six employees. Students are encouraged to visit the Campus Y offices in the YMCA Building, adjacent to South Building, to learn about these opportunities and campus, community, youth, and global social justice issues.

## Carolina Center for Public Service

### Overview

The Carolina Center for Public Service (<https://ccps.unc.edu/>) (CCPS) engages and supports the faculty, students and staff of UNC–Chapel Hill in meeting the needs of North Carolina and beyond. The center strengthens the University's public service commitment by promoting scholarship and service that are responsive to the concerns of the state and contribute to the common good.

### How to Get Involved

**APPLES Service-Learning** is a student-led program that transforms educational experiences by connecting academic learning and public service. As part of APPLES students can:

- sign up for the Service-Learning Initiative (SLI) to learn more about local organizations and how to get involved in service. SLI: Launch is available for incoming first-year students in the fall and SLI: Engage is an opportunity for any other Carolina student to get involved in the spring.
- register for an APPLES Service-Learning course on Connect Carolina to complete 30 hours of service as part of an academic course. This might also fulfill the Experiential Education requirement.
- apply for a spring or summer internship to gain valuable professional experience while receiving a stipend and academic course credit
- explore communities beyond Chapel Hill on an alternative spring break trip or expedition and serve alongside a team of peers
- implement a project with a social innovation fellowship. Fellows receive funding, mentorship, and academic credit to help ideas come to life.

For any inquiries about APPLES, email [apples@unc.edu](mailto:apples@unc.edu).  
([apples@unc.edu](mailto:apples@unc.edu))

**The Buckley Public Service Scholars (BPSS)** program provides a framework for Carolina undergraduate students committed to making a positive impact through service. Students can register for the BPSS program at the beginning of the fall and spring semesters by visiting the website (<https://ccps.unc.edu/bpss/>). BPSS strengthens the culture of service and engagement at Carolina by:

- challenging students to increase the breadth and depth of their involvement in North Carolina communities and beyond
- fostering connections between the University, its students and the community
- promoting student participation in varying dimensions of public service: direct, organizational, and policy
- developing students' capacity for engaging in their communities in meaningful ways

For any inquiries about BPSS, email [bpss@unc.edu](mailto:bpss@unc.edu). ([bpss@unc.edu](mailto:bpss@unc.edu))

The center offers various competitive opportunities for undergraduate and graduate students to further their involvement in public service and community engagement, including:

- Community Engaged Fellowships for returning graduate and professional students
- Community Service Scholarships for undergraduate students
- Projects for Peace for undergraduate students
- MacDonald Community Fellowships for undergraduate students with a strong connection to a community partner

For any inquires, contact [ccps@unc.edu](mailto:ccps@unc.edu).

To stay informed about the many different public service opportunities at Carolina, subscribe to the center's biweekly Public Service News listserv (<https://ccps.unc.edu/subscribe-to-the-public-service-news/>).

# POLICIES AND PROCEDURES

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The University provides a list of campuswide official policies (<http://policies.unc.edu>). The policies and procedures in this section of the catalog include information about course credit; registration and enrollment; attendance, grading, and examination; academic standing, transcripts; and other important information.

## Regulations and Requirements for Undergraduate Students

Students are responsible for observing the procedures, regulations, and requirements of the University as they are set forth here and in other official University publications. This section describes many of the requirements and regulations that apply to undergraduates, but it is not a complete list of all such regulations and requirements. Unless otherwise stated, the regulations described in this section will govern the academic progress of students from their first year in the General College through their final semester in the College of Arts and Sciences or one of the undergraduate professional schools. The staff of the University will gladly provide students with detailed information concerning their academic program or academic problems, but this does not relieve any student of individual responsibility for meeting the University's requirements and observing University regulations.

## Regulations and Requirements for Graduate Students

The *Graduate School Handbook* contains most of the policies and procedures of The Graduate School at the University of North Carolina at Chapel Hill. Students should become familiar with the material pertaining to their degree programs, and, together with their faculty advisors, make certain that the chosen program of study complies with all policies.

If University policies change during the academic year, those changes will appear here.



# CREDIT AND EVALUATION

## Calculation of Transferred Semesters Based on the Number of Transferred Credit Hours

Several academic procedures, including the determination of academic eligibility, depend on the tally of semesters that students have completed. When credit hours are transferred, a calculation must be made as to the number of semesters the student is regarded as having used up. This calculation is based on the number of credit hours accepted by UNC–Chapel Hill for transfer, not on the number of semesters in which the student was enrolled at other colleges. Excluded from this calculation are transfer hours awarded for courses taken concurrent with high school.

Students are regarded as having used up one semester for every full multiple of 15.0 semester credit hours accepted for transfer. When credits are transferred from a college that operates on the quarter-term system, one quarter-term credit hour equals two-thirds of a semester credit hour.

See “Transfer Candidates” in the “Undergraduate Admissions (p. 21)” section of the *Catalog* for additional information.

The same formula is applied to credit hours that a student earns while enrolled in a part-time program of study at UNC–Chapel Hill, with 90 hours regarded as six semesters and 105 hours regarded as seven semesters. *Note: Hours earned in any UNC–Chapel Hill summer term are not included in this formula.*

The formula also applies to transfer credit hours awarded for any courses taken at other institutions during a fall or spring semester (but not during summer terms) after a student matriculates at UNC–Chapel Hill.

## Credit by College Board Advanced Placement, International Baccalaureate, or SAT Subject Examinations

Students who meet UNC–Chapel Hill standards on certain approved College Board Advanced Placement examinations, examinations of the International Baccalaureate Program, certain SAT Subject Tests (e.g., foreign language), and other tests as listed below, may receive academic credit for comparable University coursework. Each year the Office of Undergraduate Admissions publishes (<https://admissions.unc.edu/credit/credit/test-and-placement-credit/>) the minimum scores necessary for the awarding of course credit (also listed below for AP and IB exams); however, final authority for awarding this placement credit lies with the chair of the department or curriculum in which credit is to be received. Minimum scores for placement may change from year to year. Regulations for credit in the year in which the student began study at UNC–Chapel Hill as a full-time student determine the standards that apply, not the year in which the student took the examination. Such credit will not be contingent upon the completion of further work in the subject unless specified by an academic department.

By-Examination (BE) credit awarded based on a student’s scores on the Advanced Placement, International Baccalaureate, SAT Subject Tests, other tests as listed below, or departmental examinations may be used to fulfill General Education requirements. For students admitted as new first-year or transfer students beginning in fall 2009 or later, the following

limitations apply to the use of By-Examination (BE) credit in a major or minor.

- No more than two courses (six to eight credit hours) of BE credit may be used as part of the major core.
- No more than one BE credit course (three to four credit hours) may be used as part of a minor.

Students who wish to enroll in a course for which they have By-Examination credit should discuss their decision with an academic advisor. In the event that a student takes a course for which Advanced Placement, International Baccalaureate, SAT Subject Test, or other tests as listed below, credit is awarded, the By-Examination credit will be forfeited when the course is completed.

## Advanced Placement Exam Scores

Exam	Minimum Score	Awarded Credit for the Following Courses	Credit Hours Awarded
African American Studies	3	AAAD General Elective	3
African American Studies	4	AAAD 231	3
Art History	3	ARTH 152	3
Art Studio Drawing	4	ARTS 104	3
Art Studio Drawing	3	Studio Art General Elective	3
Art 2D	4	ARTS 102	3
Art 2D	3	Studio Art General Elective	3
Art 3D	4	ARTS 103	3
Art 3D	3	Studio Art General Elective	3
Biology	3	BIOL 101/101L	4
Calculus AB	2	MATH 110P, MATH 129P	0
Calculus AB Subscore	2	MATH 110P, MATH 129P	0
Calculus AB	3	MATH 110P, MATH 129P, MATH 231	4
Calculus AB Subscore	3	MATH 110P, MATH 129P, MATH 231	4
Calculus BC	2	MATH 110P, MATH 129P	0
Calculus BC	3	MATH 110P, MATH 129P, MATH 231, MATH 232	8
Chemistry	3	CHEM 101, CHEM 101L	4
Chemistry	5	CHEM 101, CHEM 101L, CHEM 102, CHEM 102L	8
Chinese	3	CHIN 203 *	4

Comparative Government and Politics	3	Political Science General Elective	3	German Language	5	German General Elective, GERM 203, GERM 204, and placement into GERM 301 or GERM 302 *	9
Comparative Government and Politics	4	POLI 130	3	Italian Language and Culture	3	Italian General Elective and placement into ITAL 203	3
Computer Science A	3	COMP 101	3	Italian Language and Culture	4	Italian General Elective, ITAL 203, and placement into ITAL 204	6
Computer Science A	5	COMP 101, COMP 110	6	Italian Language and Culture	5	Italian General Elective, ITAL 203, ITAL 204, and placement into ITAL 300	9
Economics - Either Micro or Macro	3	Economics General Elective	3	Japanese	3	Japanese General Elective *	3
Economics - Either Micro or Macro	4	ECON 100	3	Japanese	4	JAPN 203 *	4
Economics - Both Micro and Macro	4	ECON 100, ECON 101	7	Latin	3	Latin General Elective	3
English Language and Composition	3	English General Elective	3	Latin	4	LATN 203	3
English Literature	3	English General Elective	3	Latin	5	LATN 203, LATN 204	6
English Literature	5	ENGL 191	3	Music Theory	3	MUSC 121	3
Environmental Science	3	Environmental Studies General Elective	3	Music Theory	5	MUSC 121, MUSC 130, MUSC 131	7
Environmental Science	4	ENEC 202	4	Physics 1	3	Physics General Elective	3
European History	3	HIST 104	3	Physics 1	4	PHYS 114	4
French Language and Culture	3	French General Elective and placement into FREN 203	3	Physics 2	3	Physics General Elective	3
French Language and Culture	4	French General Elective, FREN 203, and placement into FREN 204	6	Physics 2	4	PHYS 115	4
French Language and Culture	5	French General Elective, FREN 203, FREN 204, and placement into FREN 255, FREN 260, or FREN 262	9	Physics B	3	Physics General Elective	3
Geography (Human)	3	GEOG 120	3	Physics B	5	PHYS 114, PHYS 115	8
German Language	3	German General Elective and placement into GERM 203 *	3	Physics C E&M	3	Physics General Elective	3
German Language	4	German General Elective, GERM 203, and placement into GERM 204 *	6	Physics C E&M	4	PHYS 115	4
				Physics C Meachnics	3	Physics General Elective	3
				Physics C Mechanics	4	PHYS 114	4
				Pre-Calculus	3	MATH 110P, MATH 129P	0
				Psychology	3	Psychology General Elective	3
				Psychology	4	PSYC 101	3

Spanish Language and Culture	3	Spanish General Elective and placement into SPAN 203	3
Spanish Language and Culture	4	Spanish General Elective, SPAN 203, and placement into SPAN 204	6
Spanish Language and Culture	5	Spanish General Elective, SPAN 203, SPAN 204, and placement into SPAN 261	9
Spanish Literature and Culture	3	Spanish General Elective and placement into SPAN 203	3
Spanish Literature and Culture	4	Spanish General Elective, SPAN 203, and placement into SPAN 204	6
Spanish Literature and Culture	5	Spanish General Elective, SPAN 203, SPAN 204, SPAN 261	12
Statistics	3	STOR 151	3
Statistics	4	STOR 155	3
US Government and Politics	3	Political Science General Elective	3
US Government and Politics	4	POLI 100	3
US History	3	HIST 102	3
World History	3	HIST 103	3

\* Students who wish to continue Chinese, German, or Japanese at UNC must take a departmental placement exam.

### International Baccalaureate Scores

Appropriate credit/placement will be awarded by the end of July for any enrolling student who has sent official scores.

Subject	Minimum Score	Awarded Credit for the Following Courses	Credit Hours Awarded
Art Studio HL	4	ARTS 104	3
Art Studio SL	5	ARTS 104	3
Biology HL	4	BIOL 101, BIOL 101L	4
Biology SL	5	BIOL 101, BIOL 101L, BIOL 103	4
Chemistry HL	4	CHEM 101, CHEM 101L	4

Chemistry HL	5	CHEM 101, CHEM 101L, CHEM 102, CHEM 102L	8
Chemistry SL	5	CHEM 101, CHEM 101L	4
Chinese HL	4	CHIN 203 *	4
Chinese SL	5	CHIN 203 *	4
Economics HL	4	ECON 101	4
Economics SL	5	ECON 101	4
English HL	4	ENGL 191	3
English SL	5	ENGL 191	3
French A Language and Literature HL/SL	5	FREN 203, FREN 204	6
French A Literature HL/SL	5	FREN 203, FREN 204, FREN 260	9
French B HL	4	FREN 203, FREN 204	6
French B SL	5	FREN 203, FREN 204	6
Further Mathematics HL	4	MATH 110P, MATH 129P, MATH 231, MATH 232	8
German HL	4	German General Elective	3
German HL	5	GERM 203	3
German HL	6	GERM 203, GERM 204	6
German SL	5	German General Elective	3
German SL	6	GERM 203	3
German SL	7	GERM 203, GERM 204	6
History Africa HL	4	HIST 103, HIST 130	6
History Americas HL	4	HIST 102, HIST 103	6
History of Asia and Oceania HL	4	HIST 103, HIST 134	6
History Europe HL	4	HIST 103, HIST 104	6
Italian HL	4	ITAL 203, ITAL 204	6
Italian SL	5	ITAL 203, ITAL 204	6
Japanese HL	4	JAPN 203 *	4
Japanese SL	5	JAPN 203 *	4
Latin HL	4	Latin General Elective	3
Latin HL	5	LATN 203	3
Latin HL	6	LATN 203, LATN 204	6

Latin SL	5	Latin General Elective	3
Latin SL	6	LATN 203	3
Latin SL	7	LATN 203, LATN 204	6
Math HL	4	MATH 110P, MATH 129P, MATH 231, MATH 232	8
Math SL	5	MATH 110P, MATH 129P	0
Mathematics Analysis and Approaches HL	4	MATH 110P, MATH 129P, MATH 231, MATH 232	8
Mathematics Analysis and Approaches SL	5	MATH 110P, MATH 129P, MATH 231	4
Mathematics Applications HL	4	MATH 110P, MATH 129P, MATH 231	4
Mathematics Applications SL	5	MATH 110P, MATH 129P	0
Music Comp HL	4	MUSC 141	3
Music Comp SL	5	MUSC 141	3
Philosophy HL	4	Philosophy General Elective	3
Philosophy HL	5	PHIL 101	3
Philosophy SL	5	Philosophy General Elective	3
Physics HL	4	Physics General Elective	3
Physics HL	7	PHYS 114, PHYS 115	8
Physics SL	5	Physics General Elective	3
Psychology HL	4	PSYC 101	3
Psychology SL	5	PSYC 101	3
Spanish A Language and Literature HL/SL	5	SPAN 203, SPAN 204	6
Spanish A Literature HL/SL	5	SPAN 203, SPAN 204, SPAN 261	9
Spanish B HL	4	SPAN 203, SPAN 204	6
Spanish B SL	5	SPAN 203, SPAN 204	6
Visual Arts HL	4	ARTS 104	3
Visual Arts SL	5	Art Studio General Elective	3
World Religion SL	5	RELI 101	3

\* Students who wish to continue Chinese or Japanese at UNC must take a departmental placement exam.

## Advanced Level General Certificate of Education (A-Level and AS-Level)

Credit is awarded for courses with a grade of E or higher.

British A/AS Level Course	UNC Course Equivalent	Credit Hours Awarded (for a grade of E or higher)
Accounting A Level	BUSI 100	3
Accounting AS Level	Business General Elective	3
Biology A Level	BIOL 101, BIOL 101L, BIOL 103	8
Biology AS Level	BIOL 101, BIOL 101L	8
Chemistry A Level	CHEM 101, CHEM 101L	4
Chemistry AS Level	CHEM 101, CHEM 101L	4
Classics A Level	CLAS 121, CLAS 122	6
Classics AS Level	CLAS 121, CLAS 122	6
Divinity A Level	RELI 106	3
Divinity AS Level	Religious Studies General Elective	3
Drama A Level	DRAM 115, DRAM 116, DRAM 120	9
Drama AS Level	Dramatic Arts General Elective	3
Economics A Level	ECON 101	4
Economics AS Level	ECON 101	4
English Literature A Level	ENGL 191	3
English Literature AS Level	ENGL 191	3
French A Level	FREN 203, FREN 204	6
French AS Level	FREN 203	3
Further Mathematics A Level	MATH 110P, MATH 129P, MATH 231, MATH 232	8
Further Mathematics AS Level	MATH 110P, MATH 129P, MATH 231	4
Geography A Level	GEOG 110, GEOG 120	6
Geography AS Level	GEOG 120	3
German A Level	GERM 203, GERM 204	6
German AS Level	GERM 203	3
History A Level	History General Elective	3
History AS Level	History General Elective	3
Mathematics A Level	MATH 110P, MATH 129P, MATH 231	4
Mathematics AS Level	MATH 110P, MATH 129P, MATH 152	3
Physical Education A Level	EXSS 175	3
Physical Education AS Level	Exercise and Sport Science General Elective	3
Physics (B or higher) A Level	PHYS 114, PHYS 115	8

Physics (B or higher) AS Level	PHYS 114, PHYS 115	8
Physics A Level	Physics General Elective	3
Physics AS Level	Physics General Elective	3
Psychology A Level	Psychology General Elective	3
Psychology AS Level	Psychology General Elective	3
Sociology A Level	SOCI 101	3
Sociology AS Level	SOCI 101	3
Spanish A Level	SPAN 203, 204	6
Spanish AS Level	SPAN 203	3
U.S. Government and Politics	POLI 100, 232	6

### Cambridge Pre-University (PRE-U)

Credit is awarded for courses with a grade of M3 or higher.

Pre-U Course	UNC Course Equivalent	Credit Hours Awarded
History-Europe	HIST 158	3
Further Mathematics	MATH 110P, MATH 129P, MATH 231, MATH 232	8
Mathematics	MATH 110P, MATH 129P, MATH 231	4
Philosophy and Theology	PHIL 134	3

### Caribbean Advanced Proficiency Examinations

Subject	Minimum Score	UNC Credit	Credit Hours Awarded
Biology	IV	BIOL 101, BIOL 101L, BIOL 103	7
Caribbean Studies	IV or C	ANTH 130	3
Chemistry	III	CHEM 101, CHEM 101L	4
Physics	III or B	PHYS 114, PHYS 115	8

### French Baccalaureate Exam

Credit is awarded for exams with a mark of 10 or higher. Both the French-Written and French-Speaking exam scores must be 10 or higher, and both scores are averaged for a single score. If either score is below 10, even if the average total is 10 or higher, credit will not be awarded.

Exam	UNC Course Equivalent	Credit Hours Awarded
Economics and Social Sciences	ECON 101	4
English	ENGL 191	3
French	FREN 203, FREN 204	6
History and Geography	HIST 140, HIST 152	6

Mathematics	MATH 110P, MATH 129P, MATH 231, MATH 232	8
Philosophy	PHIL 101	3
Science	BIOL 101, BIOL 101L, BIOL 103	7
Spanish	SPAN 203, SPAN 204	6

### CLEP Exams

Exam	Minimum Score	Placement into the Following Courses	Credit Hours Awarded
Calculus	50	MATH 231	4
College Algebra	50	MATH 110P	0
French II	63	FREN 204	Placement credit for FREN 203; 0 hours awarded
Precalculus	50	MATH 110P, MATH 129P	0
Spanish II (SPII)	63	SPAN 203 PL	Placement credit for SPAN 203; 0 hours awarded

### Scottish Qualifications Authority (SQA)

If students take this exam, they will need to submit an official exam score to the Office of Undergraduate Admissions and they will manually award test credit.

SQA Subject	Minimum Score	Awarded Credit for the Following Courses	Credit Hours Awarded
Advanced Higher Physics	A2	PHYS 114, PHYS 115	8

### Foreign Language, French SAT II

SAT II French and SAT II French with Listening accepted.

SAT II Score	Placement into the Following Course	Credit Awarded
350-440	FREN 101	none
450-470	FREN 105	none
480-540	FREN 203	none
550-590	FREN 204	Placement credit for FREN 203, no credit hours awarded
600-690	FREN 255 or FREN 260	FREN 203, FREN 204
700 & above	Placement by department interview	FREN 203, 204

### Foreign Language, Spanish SAT II

SAT II Spanish and SAT II Spanish with Listening accepted.

SAT II Score	Placement into the Following Course	Credit Awarded
350-440	SPAN 100	none
450-470	SPAN 105	none
480-540	SPAN 203	none

550-590	SPAN 204	Placement credit for SPAN 203, no credit hours awarded
600-690	SPAN 255 or SPAN 261	SPAN 203, SPAN 204
700 & above	Placement by department interview	SPAN 203, SPAN 204

### Foreign Language, Latin SAT II

SAT II Score	Placement into the Following Course	Credit Awarded
500 & below	LATN 101	none
510-540	LATN 102	none
550-600	LATN 203	none
610-650	LATN 204	LATN 203
660 & above	LATN 221	LATN 203, LATN 204

### Foreign Language, German SAT II

SAT II German and SAT II German with Listening accepted.

SAT II Score	Placement into the Following Course	Credit Awarded
450 or below	GERM 101	none
460-500	GERM 102	none
510-550	GERM 203	none
560-640	GERM 204	Placement credit for GERM 203, no credit hours awarded
650 & above	GERM 301 or GERM 303	GERM 203, GERM 204

### Foreign Language, Chinese SAT II

SAT II Score	Placement into the Following Course	Credit Awarded
650 & above	Placement by department exam	CHIN 203

### Foreign Language, Japanese SAT II

SAT II Score	Placement into the Following Course	Credit Awarded
650 & above	Placement by department exam	JAPN 203

### Foreign Language, Korean SAT II

SAT II Score	Placement into the Following Course	Credit Awarded
650 & above	Placement by department exam	KOR 203

### Mathematics, ACT

Score	Placement Into Course(s)	Credit Awarded
26 - 28	MATH 130 or MATH 152	MATH 110P
29 and Higher	MATH 231	MATH 110P, MATH 129P

### Mathematics, SAT II

Test	SAT II Score	Placement into the Following Course	Credit Awarded
Math Level 1	590 - 800	MATH 130 or MATH 152	MATH 110P
Math Level 2	570 - 630	MATH 130 or MATH 152	MATH 110P
Math Level 2	640 - 800	MATH 231	MATH 110P, MATH 129P

### National Examinations in World Languages (NEWL)

Exam	Score	UNC Credit	Credit Awarded
Portuguese	3	Portuguese General Elective, Placement into PORT 203	3
Portuguese	4	Portuguese General Elective, PORT 203, Placement into PORT 204	6
Portuguese	5	Portuguese General Elective, PORT 203, PORT 204, Placement into PORT 310	9

### Mathematics

For further information about placement, see the department's website (<https://math.unc.edu/undergraduate/placement-information/>) on math placement.

### English

Beginning in fall 2012, the English and Comparative Literature department started offering a new foundation course, ENGL 105, which took the place of ENGL 101 and 102. **All students entering in fall 2012 and beyond are required to take this course; there is no exemption through test placement.** For additional information on English placement, please see the department's website (<https://englishcomplitt.unc.edu/>).

### Credit by Departmental Examination

Enrolled students who, through individual study or experience, have gained knowledge of the content of undergraduate courses offered by the University may, with the approval of the relevant department and school or college, receive credit (without grade) for such courses by special examination. The student must receive the approval of the department and college/school at least 30 days before the examination is taken, and the examination must be taken before the beginning of the last semester or full summer session before the student's graduation.

### Policy on Credit for Internships—The College of Arts & Sciences

No internship automatically earns academic credit. Students who want academic credit for an internship should contact the director of undergraduate studies in a relevant academic department or curriculum (p. 1160) before beginning the internship and must complete an

internship course in that academic unit. Not all departments and curricula offer internship courses.

Internships may not be used to meet the high impact (HI) or experiential education (EE) Gen Ed requirements unless the student earns academic credit for the internship through a department or curriculum. A student must enroll in a course that has been approved as meeting the High Impact or EE requirement in order for an internship to fulfill that requirement.

Students who must earn academic credit as a condition of doing the internship—and who cannot get credit through an academic department or curriculum—should contact a counselor at University Career Services for possible credit in SPCL 493 before beginning the internship. The student must write a statement describing his or her learning objectives and a paper reflecting on the experience. SPCL 493 is a one-credit, Pass/Fail course that does not count toward any graduation requirements.

## Modes of Instruction (College of Arts & Sciences)

The University provides five (5) modes of instruction for undergraduate courses. These include four (4) modes that incorporate remote elements. Since the student learning outcomes are consistent across instruction modes, a course fulfills the same degree requirements regardless of the instruction mode.

1. In Person (IP)
2. HyFlex (IR).
3. Remote – Synchronous (RS)
4. Remote – Mostly Asynchronous (RM)
5. Remote – All Asynchronous (RA)

The College of Arts & Sciences is committed to providing in-person, residential instruction as the primary experience for undergraduate students. However, there are some specific situations when remote student learning may be beneficial or necessary. The college dean, in consultation with the provost, will establish guidelines on both the types of courses that can be offered and the specific situations when courses can be offered in a remote format (modes 2–5). In addition, senior associate deans, in consultation with the dean of the college, will establish guidelines on both the types of courses that can be offered and the specific situations when courses can be offered in a remote format (modes 2–5). They will also set limits on how many and in which cases remote classes can be offered every semester. Instructors will need approval from their department chair to offer remote classes (modes 2–5).

## Global Language Placement Credit

### For General Education Purposes:

Students may complete their General Education global language requirement through one of the below means:

- Completion of a level 3 or higher language course at UNC approved for the global language requirement.
- Verified completion of two or more years of secondary education primarily taught in a language other than English.
- Verified completion of two or more semesters of higher education (defined as the equivalent of 24 eligible for transfer credit hours) primarily taught in a language other than English.

- Completion of a UNC language placement test in the language with a placement beyond level 3.
- Non-UNC language exam scores (including AP, IB, and others) submitted to UNC which are approved as credit for level 3 or above.
- Transfer credit for a language course approved as level 3 or above. Credit for languages not currently taught at UNC will articulate as GNR 203 (level 3) which meets the global language General Education requirement.
- Placement (PL) credit without hours for level 3 (GNR 203) of a language not currently taught at UNC obtained through the language proficiency verification process detailed on the UNC Language Placement website. Every effort is made to verify proficiency in any language, but UNC cannot guarantee that an appropriate placement test or language expert will be available for proficiency verification in all languages.

For the purposes of the above policy, “language other than English” includes languages regardless of country of origin, including sign languages and other languages that do not include a written form. Institutions primarily taught in a language other than English do not need to be located outside the United States to qualify under this policy.

### For Continuing a Language Taught at UNC:

#### Experiential Speakers of a Global Language

Enrolled students who have learned a language currently offered at UNC–Chapel Hill by experience (i.e., having grown up speaking another language in the home or having lived several years in another country) and who are conversant and literate in that language and in English, may take a placement test in that language for placement (PL) only and not for credit hours. This placement will determine the student’s next UNC course in the language.

#### Native Speakers of a Global Language

For academic purposes, a native speaker is a student raised in a country outside the United States and formally educated through all or most of high school in a language other than English. Native speakers cannot use By-Examination (BE) credit in their native language to reduce the requirements for a major in that language and will not receive credit for levels 1 through 4 of their native language(s). However, upon recommendation of the appropriate language department, they may receive credit for courses taken at UNC–Chapel Hill beyond level 4 if those courses are heavily based on literature, film, culture, or other content. Native speakers of languages other than English may use the above listed options to satisfy their General Education global language requirement. Native speakers who wish to pursue placement (PL) in their language should follow the appropriate department or General Education process on the Language Placement website.

## Hours of Credit

Work is valued and credited toward degrees by semester hours, one such hour usually being awarded for one hour of classroom or direct faculty instruction and a minimum of two hours out of class student work each week. One hour of credit is usually awarded for each three hours of laboratory or field work or work in studio art.

For more information on the University’s course numbering system, see UPM #4 (<http://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-4-standard-course-numbering-system/>).

For the definition of a credit hour, see UPM #29 (<http://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-29-definition-of-a-credit-hour/>).

## Independent Studies for Credit

The University offers independent study experiences for undergraduate students. Such courses, including directed readings, internships/practica, mentored undergraduate research, and senior honors thesis courses for an individual student, are offered for academic credit through departments and curricula. Twelve hours of graded independent study credit may be counted toward graduation (excluding six hours of senior honors thesis credit). No more than 12 hours may be taken in any one semester, with the exception of students completing a full-time teaching internship program in the School of Education and other approved practicum/internship programs in the professional schools. Students may participate in formalized programs, or they may make individual learning contracts for work under the supervision of a member of the permanent faculty at the department/curriculum level. For information about independent study courses in their majors, students should consult the director of undergraduate studies or independent study coordinator in their major department or curriculum. Students, in consultation with the faculty member, must complete a learning contract and have it approved by the director of undergraduate studies (or designee). Registration for an independent study course must be completed after the learning contract has been approved and no later than the last day of "late registration" (*the end of the second week of classes in fall or spring semester or the equivalent date in each summer session*). A template (<http://registrar.unc.edu/files/2014/02/Template-Adapted-for-Use-in-the-College-of-Arts-and-Sciences.pdf>) for such a learning contract is available online. Students are strongly encouraged to begin this process early, well before the beginning of the semester.

For more information, see UPM #30 (<https://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/independent-study-policy/>).

*This policy is maintained by the College of Arts and Sciences and Educational Policy Committee. Last revised November 28, 2017. See also Resolution 2012-12 (<http://faccoun.unc.edu/files/2011/03/Res2012-12OnIndependentStudyFinal.pdf>) and Resolution 2013-6 (<http://faccoun.unc.edu/files/2011/03/Res2013-06OnIndependentStudyTFReportFinal.pdf>).*

## Semester Schedule

UNC–Chapel Hill academic operations are on a semester calendar, primarily divided into the fall and spring semesters with standard course meetings within a 17-week session. Summer School offers two sessions of five weeks each, a three-week Maymester, and other short courses with various beginning and ending dates. For specific dates, see the University's Academic Calendar (<https://registrar.unc.edu/academic-calendar/>).



# REGISTRATION, ENROLLMENT, AND WITHDRAWAL

## Registration

### General Policies

UNC–Chapel Hill students use the ConnectCarolina Student Center to register for courses. Students should refer to the Registration Guide (<http://registrar.unc.edu/guide/>) on the Office of the University Registrar's website for instructions regarding registration.

Students who register during the billing period must pay tuition and fees, or give notice of anticipated aid, to the Office of Student Accounts and University Receivables by the published tuition and fees due date or their schedule will be cancelled and all their classes dropped before the beginning of classes. Students who register after the billing period must pay estimated tuition and fees or give notice of anticipated aid before they can register for that semester. Students who register after the date designated for official registration must pay an additional fee of \$20.00 for late registration. If the delay results from circumstances clearly beyond the student's control, an appeal may be made in writing to the registrar. The appeal must show sufficient justification for the delay and has to be approved by the dean of the school in which the student is enrolled.

North Carolina law requires that no person shall attend a college or university in North Carolina without presenting a certificate of immunization to the college or university on or before the first day of matriculation. This certificate indicates that the student has received immunizations required by law. New students at UNC–Chapel Hill must provide the director of Campus Health Services with an immunization record certified by a physician. Students who fail to present the required certificate of immunization within 30 days of enrollment will be withdrawn from the University. Their enrollment will not be reinstated until they have provided a certificate of immunization to Campus Health Services.

Registration for credit for any course at the start of the semester is limited to the first five days of classes unless a late registration is approved by the course instructor and the student's dean or academic advisor. Any student who has not registered for courses after the primary billing date will be restricted from accessing the registration system for that term and will be required to submit a prepayment. For more information, please see "Course Schedule Changes" below.

### Registration Advising for First-Year Students and Sophomores

All first-year students and sophomores are assigned a primary academic advisor in the Academic Advising Program in the College of Arts and Sciences but may see any advisor as appropriate. Advisors' names and office locations (<http://advising.unc.edu/see-an-advisor/>) are posted on the web. First-year students must meet with an advisor for registration advising at least once during their first year before registering for their third semester on campus; an online module to assist students with registration, policies, and procedures is also available. All students are strongly encouraged to review their Tar Heel Tracker each semester and regularly meet with an advisor to ensure that they remain on track to graduate.

Advisors will answer students' questions and review their tentative course selections to help students achieve appropriate academic progress. In subsequent semesters, students are encouraged to discuss academic progress with their academic advisor. Students should follow instructions received from the Office of the University Registrar, which may be accessed by logging on to ConnectCarolina.

### Registration Advising for Juniors and Seniors

Juniors and seniors receive academic advising during registration periods according to the directives set out by their college/professional school and major. Juniors who have not yet declared a major must meet with an advisor in the Academic Advising Program before registration.

The department or curriculum in which the student's primary major is housed determines the procedures juniors and seniors must follow for registration. In some cases, the student must meet with a faculty advisor in the department or curriculum of the primary major before being able to register each semester. These advisors answer questions specific to the major and about graduate and career opportunities in the field.

Students admitted to a professional school will receive advising and assistance on all academic matters from an advisor in their school.

### Academic Level (Class Standing)

All students who begin their undergraduate careers at UNC–Chapel Hill are considered first-year students for the first and second semesters. In their third semester and thereafter, a student's classification (sophomore, junior, senior) is determined by the cumulative number of credit hours earned:

- 1–29 credit hours earned: first-year student
- 30–59 credit hours earned: sophomore
- 60–89 credit hours earned: junior
- 90 + credit hours earned: senior

### Registration Priority

A student's first available date for registration (registration priority) is based on the number of earned credit hours (excluding in progress credits and test credits) and the number of semesters completed.

By policy of the Faculty Council (Resolution 2007–3), the University limits students to eight semesters of full-time study. Transfer students who transfer in the UNC–Chapel Hill equivalent of two or more semesters (see "Calculation of Transferred Semesters Based on the Number of Transfer Hours") may enroll in up to 10 total semesters (Resolution 2017-1 (<https://facultygov.unc.edu/files/2017/01/Res201701OnMultipleAreasofStudy.pdf>)). To help ensure graduation within the eight-semester limit, students' registration priority will include the number of semesters completed in the calculation.

Terms in residence are tallied in three ways:

1. UNC–Chapel Hill full-time enrollment  
Regardless of the number of credit hours, any fall or spring semester of enrollment in UNC–Chapel Hill courses (including UNC–Chapel Hill study abroad courses, but excluding Carolina Courses Online) counts as one semester of full-time study, unless the student is enrolled as a part-time student through Part-Time Classroom Studies. (Summer sessions at UNC–Chapel Hill do not count as semesters.)
2. UNC–Chapel Hill part-time enrollment  
Each full multiple of 15 cumulative credit hours earned at UNC–Chapel Hill in fall or spring terms (not summer terms) counts as one

semester of full-time study for any student enrolled as a part-time student through Part-Time Classroom Studies.

3. Transfer credits awarded for courses taken at other colleges  
Each full multiple of 15 cumulative transfer-credit hours counts as one semester of full-time study. Excluded from this calculation are transfer hours awarded for courses taken either concurrent with high school or during any summer term after the student has matriculated at UNC–Chapel Hill.

Students may refer further questions to the Academic Advising Program (if the student is in the College of Arts and Sciences) or to their respective dean's office.

## Repeating Course Enrollments

A student who proceeds with enrollment in a course not designated as repeatable can only earn credit once toward the fulfillment of the University's minimum undergraduate degree requirement. The credit is earned from the course with the highest passing grade or, if grades are the same, the latter attempt. The grades of all attempts of the course, however, are computed in the student's cumulative grade point average.

Certain University courses (e.g., applied music, special studies, undergraduate research, etc.) may be taken more than once for credit and are so designated in the course catalog as repeatable. A particular physical education activity (PHYA) course may be taken more than once, so long as a different level of the same course (beginning, intermediate, and advanced) is taken during each separate enrollment. PHYA courses do not award academic credit hours toward an undergraduate degree, but the grade is factored into the cumulative grade point average. Students may enroll in no more than one lifetime fitness (LFIT) course, and only one LFIT course will count toward academic credit hours for an undergraduate degree.

For the purposes of receiving financial aid, hours for repeated courses will only be considered a part of the total upon which awards are based if:

1. the student is repeating a course previously failed, or
2. the course is the **first** repeat of a prior course in which a passing grade (D or higher) was received.

*Maintained by the Educational Policy Committee. Last approved on April 21, 2017, see Resolution 2017-6 (<https://facultygov.unc.edu/files/2017/04/Res2017-6RepeatingCourseEnroll.pdf>).*

## Cancellation of Enrollment

A cancellation of enrollment is, in effect, the same as a student not registering. Classes are not reflected on the student's transcript, and no tuition and fees are charged. If a student registered for classes a cancellation is only applicable if there no documentation of student attendance or for the following administrative reasons. A registration cancellation will be processed for any student who has a "hold" on the tuition and fees due date for each term, and students will be notified. A cancellation will be processed if a student is not cleared financially; is not academically eligible to continue in school; or shows a cashier's hold, Office of Undergraduate Admissions hold, dean's office hold, or Campus Health Services cancellation hold. In some cases, a student may request to cancel his or her registration for personal reasons and may do so by following instructions (<http://registrar.unc.edu/academic-services/withdrawals-cancellations/>) listed on the Office of the University Registrar's website. To request a cancellation after classes begin, however, students must process the cancellation through their academic

advising dean's office. For more information also see the sections on withdrawing from the University.

## Administrative Changes to Course Registration

Students have the responsibility to maintain the accuracy of their course schedule. A department or curriculum in the College of Arts and Sciences has the option to drop a course from a student's registration if the student fails to attend both of the first two class meetings (or the first class meeting if the course meets only once each week). The appropriate dean's office will be responsible for informing departments of students who cannot attend the first two class meetings because of illness or other reasons approved by a dean. Students should never presume that an instructor or department/curriculum will systematically drop classes from the student's schedule. However, if such an action is taken by a department/curriculum, the registration openings resulting from these drops will be offered to other students seeking enrollment in the courses during the official add period (first five days of classes) or thereafter, as determined by the instructor of the class or by the department, curriculum, or school.

Departments/curricula can drop students' courses using the computerized registration system prior to the last day to reduce a course load for financial credit. To effect such a drop after that date but before the end of the eighth week, a student can drop the course through ConnectCarolina. (See "Course Schedule Changes" below.) Students who have applied for graduation and who have requested an academic underload must have that request approved to receive financial credit for reducing their course load.

## Auditing Courses

To audit a class, registered students and persons not registered must obtain a registration/drop/add form from the teaching department offering the class. Permission from the class instructor and the department chair is required and should be indicated on the form with a written signature. This procedure applies to fall, spring, and both summer terms.

Requests to audit a class may be submitted only after the end of the official registration period (last day for students to add a class or late register) when it has been determined that there is still space available in the class. This date can be found on the University Registrar's Calendar (<http://registrar.unc.edu/academic-calendar/>) for the specific term.

Auditing classes is permitted only in lecture-based courses and never in courses that include laboratories or performances. Auditing is not permitted in courses that focus on the development of written or oral communication skills or that rely heavily on class participation. Auditing is not permitted in independent studies courses, internships, special topics, directed readings, or similar courses. Auditing is also not permitted in classes that are offered primarily online. Students may not audit courses offered through the Friday Center for Continuing Education (Part-Time Classroom Studies, Carolina Courses Online, Self-Paced Courses, or tutorial programs) or courses preparing students for credit by examination.

Students auditing a course do not write papers, take quizzes or examinations, or request review of their work, and do not participate in class discussions unless otherwise directed by the course instructor. Students who audit a course may not subsequently receive course credit for that course. Additional information on the University's policy on auditing (<http://registrar.unc.edu/academic-services/policies->

procedures/university-policy-memorandums/upm-9-auditing-courses/) is available online.

Students officially registered for other classes in the same term may audit a class without paying a fee. Persons not registered for classes must pay a \$20.00 fee per class to the Office of Student Accounts and University Receivables, then bring the permission and receipt to the Office of the University Registrar to complete the process. Payments will only be accepted after the end of the official registration period. Effective fall 2017, individuals of age 65 or older may audit a class without paying a fee.

If requested, a copy of the registration transaction will be given to the student to provide to the class instructor at the beginning of the term.

## Changes in Fall and Spring Semester Schedules

### Continuous Course Enrollment: Foundations English Composition and Foreign Language Requirements

Effective in fall 2012, students admitted as first-year or as transfer students are required to complete ENGL 105/ENGL 105I (ENGL 100 and ENGL 105/ENGL 105I, if applicable) during their first year, and they must maintain continuous enrollment in Foundations global language courses until they have completed this requirement. Students are not permitted to drop ENGL 100, ENGL 105/ENGL 105I, or global language levels 1 through 3 being used to fulfill the Foundations requirement after the second week of the semester, unless approved by a dean in the Academic Advising Program. Such approval will be for exceptional circumstances only. Students should not stop attending English composition and rhetoric and Foundation global language classes without speaking with a dean in the Academic Advising Program.

### Course Schedule Changes

Insofar as possible, changes in course registration schedules should be made during the first five days of classes. During this time, students may add courses using the online registration system. During days six through ten of classes, students must obtain permission to register or make additions to their schedule from the course instructor; if approved, the academic department, curriculum, or school will add the student through the computerized registration system. After the tenth day of classes, if students wish to register or make additions to their schedule, they must obtain a registration/drop/add form from their academic advisor, the concerned department, or their professional school and must obtain the signatures of both their instructor and their school dean (or dean's designee). For students in the General College and the College of Arts and Sciences, only the associate dean for advising (or dean's designee) has this authority. After the tenth day of classes, deans (or deans' designees) will approve only those registrations or course additions that have first been approved by the instructor. Approval of additions to a student's schedule during this period is at the deans' (or the deans' designees') discretion.

### Course Schedule Changes during Weeks One and Two

During the first two weeks of classes, students may drop a course using the online registration system, but they are responsible for ensuring that their schedules do not fall below the minimum 12 academic hours required for full-time registration.

### Course Schedule Changes during Weeks Three through Eight

When a course is dropped between the second and eighth week of classes, a notation of WC (withdrawal by choice) shall be recorded

and used internally for tracking and reporting purposes. For external purposes, the WC notation is equivalent to the W grade. Once declared, a WC notation cannot be rescinded except when a student withdraws from an entire semester due to extenuating circumstances. All first-year, first-time students entering the University in fall 2014 or thereafter are allowed to accumulate no more than 16 hours of WC notations during their undergraduate career.

Different drop-add procedures apply to first-year students who entered the University as degree-seeking students prior to fall 2014, along with sophomore and junior transfer students who entered in fall 2014, and junior transfer students who enter in fall 2015. Details on the previous policy (<http://registrar.unc.edu/guide/registration-policies/drop-add-procedures/rules-course-drops/>) can be found on the University Registrar's website.

### Course Schedule Changes after the Eighth Week of Classes: The Appeal Process

After the eighth week of classes, students must petition to drop courses through the dean's office of the school in which they are enrolled. For students in the General College and the College of Arts and Sciences, the associate dean for advising (or designee) has this authority.

To drop a course after the eighth week of classes, students must complete and submit an appeal to the appeals committee of their college or school. In the General College and the College of Arts and Sciences, an appeals committee meets weekly (except the week of July 4 and Christmas). Possible legitimate reasons for requesting a course drop after the eighth week of classes include serious illness, personal or family problems, financial problems requiring employment after the start of the semester, or other compelling and extenuating circumstances that prevent students from meeting their academic responsibilities.

Students must first discuss their reasons for requesting a late course drop with an academic advisor or their academic dean. The advisor or dean will explain the process for an appeal and refer the student to the online information and link to the online appeal form. The appeal must include a statement from the student and pertinent documentation that provides compelling support for the appeal. The student must submit all documents online to the office of the associate dean for advising in the Academic Advising Program of the College of Arts and Sciences and General College. *Submission of an appeal does not ensure that the request will be granted, and students must continue to attend classes and complete all assignments until informed of the committee's decision.* If a course drop is approved, the registration/drop/add form is processed through the Office of the University Registrar.

Students enrolled in professional schools should acquaint themselves with the appropriate appeals procedures in their schools.

The notation of W (withdrawn) is entered in the grade column of academic transcripts if students are permitted by their school to drop a course after the eighth week of classes or proportional equivalent for summer terms and other nonstandard enrollment periods. This notation is automatically entered unless the student's academic dean specifies otherwise.

## Interinstitutional Registration

A student regularly enrolled in a degree program at the University may enroll by interinstitutional registration for a course at Duke University, North Carolina Central University, North Carolina State University, the

University of North Carolina at Charlotte, or the University of North Carolina at Greensboro under the following conditions:

- Space must be available in the course.
- The student's advisor as well as their academic advising dean's office must certify
  - a. that the course is appropriate for the student's degree program, and
  - b. that an equivalent course is not available at this university during the same term.
- Enrollment in interinstitutional registration is limited to one interinstitutional course per regular term, provided that the student is registered for the balance of her or his full-time load at UNC–Chapel Hill. All enrollment transactions must be processed by the Office of the University Registrar.
- A student will be billed by his or her home institution for all the courses taken (including interinstitutional courses) at the prevailing tuition rate. The University of North Carolina at Chapel Hill will receive no fees from an interinstitutional student taking courses at this campus unless there is a special fee associated with a particular course. In such a case, the student must pay the fee.
- The last day for a student to submit an interinstitutional request to the Office of the University Registrar will be the last day to add a course without departmental approval, according to the registrar's calendar. If a student is interested in a course that begins after this deadline, due to differing university schedules, or separate modules that the course is being offered in, the deadline will be the fifth day after the start of that class. Start dates will be verified with the school offering the course.
- Students must comply with the academic calendar of their home institution for all dates, such as deadlines for adding and dropping courses.
- A student taking a course by interinstitutional registration will be graded in the course in accordance with the grading system of the institution where the course is taken, and grades will be converted in accordance with the grading system of the home institution. The transcript will identify the institution where the course was taken in the space where the descriptive course title is normally shown.

Additional information (<http://registrar.unc.edu/guide/special-enrollments/inter-institutional-programs/>), procedural instructions, and forms are available at the Office of the University Registrar's website.

## Academic Course Load

### Fall and Spring Semesters

To meet the minimum graduation requirement of 120 academic hours within the eight-semester limit, students should average 15 hours each semester. However, four-hour foreign language courses and four-hour laboratory science courses often account for course loads of 16 to 18 hours. Students may not enroll in more than 18 academic hours unless they have earned a 3.000 grade point average in the preceding regular semester and have a cumulative 2.500 grade point average. Exceptions require the approval of the student's dean. With approval of their dean, seniors meeting graduation requirements during their final semester in residence may enroll in up to 21 academic hours if they have a cumulative and preceding semester grade point average of 2.000.

The minimum course load for a single semester is 12 academic hours. Students may not go below the 12-academic-hour minimum without permission of their dean. All students should discuss semester

enrollment of fewer than 15 academic hours with their advisor because such enrollments may affect academic eligibility and the ability to complete all degree requirements in the required eight semesters.

The approved maximum course load for students in a part-time program is eight credit hours in a fall, spring, or summer term.

### Summer School

The summer term begins with the first day of Maymester and continues through the last day of the Summer Session II. Administered by Summer School, summer courses are offered in two sessions (Summer Session I and Summer Session II), with a Maymester period overlapping the first three weeks of Summer Session I. For UNC–Chapel Hill students, credit hours and grades count the same as in fall or spring terms. For visiting students, transfer of grades or credit is determined by their home institution.

The typical full course load is two courses, usually six credit hours. However, effective Summer 2021, students may enroll in up to nine credit hours each in Summer Session I and in Summer Session II. It is recommended that, if students enroll in a Maymester course, they not enroll in a second Maymester or Summer Session I class.

### Pass/Fail Option

The Pass/Fail option provides students an opportunity to enroll in an additional course (beyond the usual load of five academic courses) or to reduce their concerns about competing with prospective majors in a course in which they have considerable interest. Students who declare a course on the Pass/Fail option will receive the grade of PS (pass) when a letter grade of A through D is recorded on the official grade roster and F when the course is failed. For the purpose of computing a grade point average, a PS grade does not count as hours attempted; therefore, a PS grade does not affect a student's grade point average. However, an F under the Pass/Fail option counts as hours attempted and is treated in the same manner as F grades earned in any other course.

Course content and requirements are the same for Pass/Fail registrants as for regular registrants. The minimum performance for a PS grade is equivalent to the minimum performance for the letter grade of D.

### Regulations Governing the Pass/Fail Option

The following regulations govern the use of the Pass/Fail option:

1. Students may only take one student-elected Pass/Fail course each semester.
2. No more than 23 total credit hours of Pass/Fail credit hours will be allowed in a student's undergraduate career, with no more than 16 hours (of the 23) from student-elected Pass/Fail classes and no more than 13 hours (of the 23) from established Pass/Fail courses.
3. The following courses may not be declared Pass/Fail:
  - Courses used to satisfy General Education requirements (*this does not apply to General Education courses that are only offered as Pass/Fail courses, such as Lifetime Fitness, College Thriving, and some forms of EE/High-Impact courses*).
  - Courses a student has taken previously for a letter grade.
  - Courses in a student's major or minor department or curriculum (or cross-listed with those departments or curricula), even if used as an elective. However, students who change their major (or minor) may count in the new major (or minor) one course previously completed with the grade PS.

- Courses specifically required by the major or minor, including foreign language courses and any additional required courses (but see the note below)
- Summer School courses
- An honors seminar or honors course
- Courses taken via interinstitutional enrollment
- First-year seminars

*Note: Prerequisites to courses specifically required for the major or minor may be taken Pass/Fail unless a specific grade is required in the prerequisite course.*

*Maintained by the Educational Policy Committee. Last approved on October 30, 2015, see Resolution 2015-12 ([http://faccoun.unc.edu/files/2011/03/Res2015-12Pass-Fail\\_Final.pdf](http://faccoun.unc.edu/files/2011/03/Res2015-12Pass-Fail_Final.pdf)).*

## Pass/Fail Declaration Procedure

To declare a course on the Pass/Fail grading system, a student must complete the Pass/Fail course declaration form. Students should discuss the advisability of taking a course on the Pass/Fail grading system with their advisor before committing themselves to a formal declaration.

The period for making Pass/Fail declarations begins on the fifth day of classes of each semester and concludes at the end of the eighth week of classes. Pass/Fail declaration forms may not be submitted after the eighth week of classes.

## Tuition Guarantee Program

Effective fall 2016, undergraduate students seeking a baccalaureate degree at UNC–Chapel Hill are eligible for fixed tuition as required by the North Carolina General Statute §116-143.9 and UNC Policy 1000.17, Policy for the Tuition Guarantee Program. Further information about the Tuition Guarantee Program can be found on the website for the Office of the University Registrar.

## Withdrawal

After the term start, students withdrawing from the University should submit an official withdrawal request through their ConnectCarolina Student Center to start the process (see sections on medical and academic withdrawal below) before the end of classes during a semester or summer session. Students in attendance considering withdrawal should contact their academic advising dean's office, Campus Health Services, or Counseling and Psychological Services for additional information. Official term withdrawal from the University is required if a student wishes to drop all classes after a semester begins. An official withdrawal may facilitate readmission in a future term. Leaving the University without completing the official withdrawal process can result in the assignment of final class grades computed as failing in establishing grade point averages and possibly rendering a student academically in-eligible. Enrolled students who do not withdraw officially will be responsible for the full tuition and fee payments associated with enrollment for the entirety of the semester.

## Medical Withdrawal

If a student decides to withdraw for reasons of illness, either physical or psychological, the student should contact Campus Health Services or Counseling and Psychological Services, whether the treatment was received there or elsewhere. If a medical withdrawal is authorized, the official withdrawal will be handled through the Office of the Director of Campus Health Services or Counseling and Psychological Services.

## Administrative Withdrawal

A student who is withdrawn for disciplinary purposes must comply with the specific requirements or conditions outlined by the adjudicating body (e.g., Honor Court, Emergency Evaluation and Action Committee, etc.) prior to readmission. Unless specified by the adjudicating body, the term(s) in which disciplinary suspension is active shall not be calculated in the four academic year degree credit hour equivalency. Preclearance from the adjudicating body may be required in certain cases.

## Academic Withdrawal from All Courses

If a student decides to withdraw for reasons other than health related, or if a withdrawal cannot be authorized through Campus Health Services or Counseling and Psychological Services, the student should submit an official withdrawal request through the ConnectCarolina Student Center. Grades are required from instructors once the drop deadline has passed. In determining an undergraduate student's eligibility for readmission the following conditions apply:

- For students who officially withdraw from the University after the second week of a fall or spring semester, a grade of W is assigned to each course the students were enrolled in at the time of withdrawal.
- Students who officially withdraw from the University are assigned a semester in residence if their withdrawal is initiated before the end of classes during a fall or spring semester and if it is accompanied by the recording of six or more academic hours of F grades for that semester's work (grades recorded after the drop deadline). This means that the F grades and no others will be computed in the semester and cumulative grade point average.
- Withdrawal from a summer session is not counted as a semester in residence. If the withdrawal is initiated after the drop deadline during a summer session, a grade of W is assigned to each course that the student is enrolled in at the time of withdrawal. The credit hours associated with the withdrawal will count as attempted but not passed hours in the determination of the student's academic eligibility. If the student is enrolled in five or more more academic hours, the student must obtain grades from their instructors before the withdrawal can be processed; if the withdrawal is accompanied by the recording of five or more academic hours of F grades for that semester's work the F grades will be recorded and computed in the semester and cumulative grade point average.
- Students enrolled as summer session visitors from schools outside UNC–Chapel Hill must withdraw through the Office of the Dean of Summer School.
- If a student completes an official withdrawal or is withdrawn administratively for any reason from a fall or spring semester, tuition and fees will be prorated over a period of nine weeks at a rate of one-tenth of the semester's bill, after deducting an administrative charge. The last date for credit on a student's financial account for withdrawal is nine weeks after registration. If a student completes an official drop from a summer class within the first three days of classes for the session, tuition and fees will be prorated.
- If a student withdraws from the University during a semester and receives financial aid funds prior to the date of withdrawal, a portion of that money will be returned to the aid program(s). The repayment will be calculated by the Office of Scholarships and Student Aid when the official withdrawal is noted within the ConnectCarolina system.

## Retroactive Withdrawal

- Students may request a retroactive term withdrawal from a semester or summer session under extraordinary circumstances. Such requests must be made in writing to the appeals committee of the

college or school in which the student is currently enrolled. The decision of that appeals committee is final. If the retroactive term withdrawal is approved, the effective date of this action is always the last day of classes in the term or session. No refunds are ever provided when a retroactive withdrawal from a semester or summer session is approved.

# ATTENDANCE, GRADING, AND EXAMINATION

## Class Attendance Policy

(Maintained by the Education Policy Committee. Resolution 2018-1 (<https://facultygov.unc.edu/files/2016/02/Resolution-2018-1-Absence-Policy5.pdf>), passed on February 9, 2018; updated March 22, 2023)

This policy applies *only* to University approved class absences (listed below). For final examination absences see the Policy on Final Examinations.

Regular class attendance is a student obligation. Students are responsible for all of their work, including assessments, tests, and written work, and for all class meetings. If a course instructor chooses to take attendance and sees that a student misses three or more consecutive class meetings or misses more classes than the course instructor thinks advisable, the instructor may report the facts to the student's advisor and/or academic dean.

No right or privilege exists that permits a student to be absent from any class meetings, except for these University approved absences:

1. Authorized University activities: The University Approved Absence Office (UAAO) website (<https://uaao.unc.edu/sample-page/>) provides information and FAQs for students (<https://uaao.unc.edu/faqs-for-students/>) and FAQs for faculty (<https://uaao.unc.edu/sample-page/>) related to University approved absences
2. Disability/religious observance/pregnancy, as required by law and approved by Accessibility Resources and Service (<https://ars.unc.edu/>) and/or the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/what-we-do/accommodations/>) (EOC)
3. Significant health condition and/or personal/family emergency as approved by the Office of the Dean of Students (<https://odos.unc.edu/>), Gender Violence Service Coordinators, (<https://womenscenter.unc.edu/resources/gender-violence-services/>) and/or the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/what-we-do/accommodations/>) (EOC).

Instructors may work with students to meet attendance needs that do not fall within University approved absences. For situations when an absence is not University approved (e.g., a job interview, illness/flu, or club activity), instructors are encouraged to work directly with students to determine the best approach to missed classes and make-up assessments and assignments.

The University's policy regarding University approved absences as well as the instructor's course-level policies are communicated to students via the instructor's course syllabus on the first day of class.

Students are encouraged to communicate with their instructors early about potential absences and are reminded that they are bound by the Honor Code (p. 1279) when making a request for a University approved absence.

## Notification of University Approved Absences

1. **Authorized University Activities:** Students acting as official representatives of the University who are participating in University-sanctioned activities (e.g., student government congresses, official

athletic competitions, music competitions, academic conferences, etc.) will be granted a University approved absence.

Request for approval of an absence due to participation in a University-sanctioned activity must be sent by the program sponsor or other responsible University official to the University Approved Absence Office (<https://attendance.unc.edu/>) which will verify the validity of the request. The program sponsor, or other responsible University official, is responsible for contacting the University Approved Absence Office (<https://attendance.unc.edu/>) to request a University approved absence for University-sanctioned activity, when possible at least two weeks in advance of the date(s), or as soon as possible if the date(s) occurs within the first two weeks of the semester, or within the first two days of a summer session. This policy applies to fall, spring, and summer terms. The University Approved Absence Office communicates the University approved absence to the course instructor prior to the date(s) of the scheduled absence(s). The request may be for a single activity or a series of activities, but it must include the student name and date of the event, the date and time when the student is expected to be absent, and the date and time that the student is expected to return to class.

2. **Accommodations for disability/religious observance/pregnancy, as required by law:**
  - a. **Accessibility Resources and Services** verifies University approved absences for students by their office. ARS contacts those students' instructors directly.
  - b. **Religious Observance:** Pursuant to North Carolina General Statute 116-11(3a), students are authorized at least two University approved absence(s) per academic year for religious observance/practices required by their faith. Students who wish to request University approved absences for religious observance required by their faith should review the University's Policy on Religious Accommodation and follow the procedure set out in that policy for requesting such absences. After an absence is approved under that policy, the University Approved Absence Office communicates the University approved absence to the course instructor(s) prior to the date(s) of the scheduled absence(s).

Students are responsible for contacting the Religious Accommodations Advisory Committee to request a University approved absence for religious observance at least two weeks in advance of the date(s), or as soon as possible if the date(s) occurs within the first two weeks of the semester. This policy applies to fall, spring, and summer terms.

Primary holy days for religious observance are noted on a web-based interfaith calendar (<http://www.interfaithcalendar.org>). The Web-based calendar should *not* be interpreted as an exhaustive list of holy days that the University will recognize for purposes of religious accommodations.

- c. **Pregnancy and Related Medical Conditions:** Students who wish to request University approved absences for pregnancy and related medical conditions should review the University's Policy on Pregnant and Parenting Students and should contact the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/what-we-do/accommodations/>) for approval. After an absence is approved under that policy, the University Approved Absence Office will communicate the University Approved Absence to the course instructor(s) prior to the date(s) of the scheduled absence(s).
3. **Significant health condition and/or personal/family emergencies** as approved by the Office of the Dean of Students (<https://>

odos.unc.edu), Gender Violence Service Coordinators (<https://womenscenter.unc.edu/resources/gender-violence-services/>), and/or the Equal Opportunity and Compliance Office (<https://eoc.unc.edu/what-we-do/accommodations/>). Once the Office of the Dean of Students, Gender Violence Service Coordinators, and/or the EOC has approved the information, they will then request that the University Approved Absence Office issue a University approved absence notification to the student's instructor(s). The University Approved Absence Office will inform the course instructor in advance if the reason for the University approved absence is planned, or as soon as possible if the reason for the absence was not foreseen.

Instructors will not receive further explanation or clarification of University approved absences beyond notification from the University Approved Absence Office.

## Make-up Coursework and Assessment

All students with University approved absences will be treated fairly and equitably, regardless of the reason for the absence.

Instructors will provide reasonable alternatives that permit course objectives and learning outcomes to be met. Alternatives may include a make-up exam, alternative assessment, an additional paper or project of equivalent intellectual effort, an electronically-mediated participation opportunity, a due date extension, or other option that allows students to demonstrate what they have learned without being penalized for the University approved absence. It is a University expectation that instructor be prudent, fair, and equitable when a student misses an assessment due to a University approved absence. Course policies should avoid inequities, including discrepancies in preparation time for in-class versus make-up exams, missed opportunities to take and learn from an assessment, and policies that penalize students who must use their dropped grade option for a University approved absence.

The Undergraduate Testing Center (<http://testingcenter.web.unc.edu/>) provides a secure, proctored environment for administration of make-up assessments, tests, and exams for undergraduate and graduate courses throughout each term. There are regularly scheduled session times each week in addition to the Center's traditional use during final exams time. Please see the center's web site for more information and instructions as well as teaching and learning resources provided by the Center for Faculty Excellence (<https://cfe.unc.edu/>).

## Appeals

Given the swift and cumulative nature of a semester, an instructor should contact a student with a preliminary alternative plan within three business days of receiving notification of a University approved absence, or sooner if the absence takes place during a summer term. The student must respond to the instructor within two business days of receiving the alternative plan and discuss details with the instructor. After receiving the final alternative plan from the instructor, if a student feels that a reasonable alternative was not provided, they may submit an appeal within three business days to the instructor's chair or the chair's designee.

At any time, a student may file a report alleging that the University has failed to provide reasonable accommodations for the student's religious beliefs, disability, or pregnancy or related medical condition pursuant to the University's Policy on Prohibited Discrimination, Harassment and Related Misconduct (<https://eoc.unc.edu/our-policies/ppdhrm/>) (PPDHRM). The student may file a report under the PPDHRM following an unsatisfactory appeal determination by the instructor's chair or the chair's designee. Alternatively, the student may bypass the

University Approved Absence Office appeals process altogether and proceed directly to filing a report under the PPDHRM. If a student first files a report under the PPDHRM, the University Approved Absence Office's appeals process will be stayed until a determination has been made under the PPDHRM.

## Final Examinations

*(Maintained by the Education Policy Committee. Resolution 2017-5, passed on April 21, 2017; Resolution 2017-5.1, passed on May 15, 2017)*

This policy applies to all undergraduate courses across the University.

Undergraduate courses taught on campus must include a final assessment of students' mastery of course material (i.e., final examination) unless the provost grants an exception. A traditional final examination is administered at a predetermined time as specified in the official final examination schedule (<http://registrar.unc.edu/academic-calendar/>), and takes place at a designated location in Chapel Hill. Any other type of final examination is considered nontraditional.

The final examination schedule, announced prior to the beginning of the semester, sets the day and time for each examination. No examination may start later than 7:00 p.m. Once having been established, the schedule cannot be changed. Traditional final examinations must be held at the day and time shown on the schedule unless an exception is granted as described below.

Only the provost can grant exceptions to the scheduled day or time of a traditional examination, after review and approval by the appropriate department head and the dean. No examination (except for laboratory sections) may be held at a time other than that specified in the general schedule except with the advance approval of the provost.

A course instructor may, due to highly unusual circumstances, petition for a change in the examination schedule. The instructor must submit the request in writing to his or her chair no later than the last day of late registration for that term, and it must be cleared by the chair and the appropriate dean (e.g., Associate Dean, Academic Advising) before consideration by the provost. If the petition is approved, the course instructor assumes responsibility for making special arrangements to give the examination to any student who has a schedule conflict as a result of the change. This process only applies to requests to change a day or time for an individual section.

Requests to combine all sections of a specific course into one final exam day and time (regardless of the number of sections involved), is considered a request for a Common Hour exam and has an earlier deadline for submission. Requests for all common hour exams must be cleared by the chair or appropriate dean and approved by the provost. Requests for common hour exams must be made to the registrar the first week of February for fall semester final examinations and the first week of September for spring semester final examinations. There is no exception to this deadline.

No graded quizzes or exams (excluding in-class presentations) may be given during the last five days of the semester (last two days of the session for summer school) before the beginning of the final examination period.

For a standard three-credit-hour course, the University has a required three-hour final examination period, which includes 180 minutes of instruction in each semester (see UPM #29 – Definition of a Credit Hour (<http://registrar.unc.edu/academic-services/policies-procedures/>)).



university-policy-memorandums/upm-29-definition-of-a-credit-hour/)). Thus, the University requires instructors to provide a full three hours of instruction for final assessment purposes (e.g., written final examination, presentations, portfolio review, performance, review and evaluation, or some combination of these assessments). It is up to the discretion of the instructor of record to determine the form, content, and function of the final examination (e.g., whether it is cumulative; whether it is a three-hour exam or a shorter exam preceded or followed by a period of review; etc.). A traditional final examination should not exceed a period of three hours. Only examinations requiring an exceptional portion of practical work should be longer than three hours (e.g., student teaching).

Chairs (i.e., heads of instructional units) must give permission for faculty members to use nontraditional examinations. Examples of nontraditional examinations include those requiring more than three hours to complete; or other final assessments such as a portfolio of a semester's work, a final project, or a take-home examination. For multidisciplinary and cotaught courses, permission to give a nontraditional examination must be granted solely by the chair of the instructional unit in which the course is based. Even when faculty members have permission to administer nontraditional final examinations, the scheduled examination period must be utilized for instructional hours. The chair should submit to their academic dean's office an annual summary of the exceptions that were granted.

Students who are absent from an examination receive a course grade of AB (absent), which is equivalent to F (zero quality points), or FA (absent and failing regardless of performance on the final examination). When students are unable, for reasons clearly beyond their control, to take a traditional final examination at the scheduled time, they can be excused only by the director of Campus Health Services or their academic dean (who can issue an "examination excuse"). An absence may be excused for severe health problems leading to the student's placement on the Infirmary List by either Campus Health Services or Counseling and Psychological Services, for significant personal or family circumstances, for religious observances required by the student's faith, for a scheduling conflict involving multiple examinations at the same time, or when a student has three or more final examinations scheduled in 24 hours. In cases of illness, personal or family emergency, or religious observance, additional documentation may be required by the dean. Primary holy days for religious observances are noted on a Web-based interfaith calendar site (<http://www.interfaith-calendar.org/>). Students are responsible for providing the course instructor and the dean a written request for an excused absence from a final exam for a religious observance or for a scheduling conflict involving multiple examinations no later than the last day of classes. Students must be given the opportunity to make up final exams missed due to an excused absence.

For any University undergraduate courses offered entirely online or via other distance modalities, exams will be offered and must be completed during the scheduled final examination period, but requirements concerning the time of day and place of the exam will be appropriate to the course's mode of delivery. Self-paced courses are exempt from both the time and place requirements of the exam policy and the requirement that exams be held during the scheduled final examination period.

### **Campus Health Services**

Students who are seriously ill during the time of their final examination(s) (including complications related to pregnancy) should consult Campus Health Services or Counseling and Psychological Services about having their names entered on the Final Exam excuse list. In some cases, outpatient treatment can also result in a student's name being entered

on the list. Students on the Final Exam excuse list may obtain an official permit from the Office of the University Registrar to take the final examination to remove a grade of AB. They must make arrangements with their course instructor to take the final examination and provide the instructor with their official permit. If students are treated at Campus Health Services or Counseling and Psychological Services but do not appear on the list, they should see the dean of their college as soon as possible.

### **Academic Dean**

If students know in advance that they must miss one or more final examinations because of illness, religious observance, or other serious problems, they should notify in writing both the course instructor and the dean of the school in which they are enrolled no later than the last day of classes. If this is not possible, they should see their dean as soon after the fact as possible. For students in the College of Arts and Sciences, only the associate dean for advising (or designee) is authorized to issue examination excuses for reasons other than three exams in 24 hours or two exams at the same time. For other students, only the dean of the school in which the student is enrolled has that authority. The dean may require documentation of a student's religious observance, illness, or problems.

Assuming that a student did not take a final examination for one of the reasons previously cited, the dean will issue an official examination excuse, which the student must present to the course instructor when arrangements are made for a suitable time to take the final examination.

A student who has three final examinations scheduled by the Office of the University Registrar within a 24-hour period or two scheduled at the same time may request to his or her dean's office for permission to have one of the scheduled examinations rescheduled. In the College of Arts and Sciences, requests for exam excuses are reviewed by professional staff in Academic Advising via an online request form (<https://eef.oasis.unc.edu/>). In the event that one of the scheduled examinations is a common final examination for a multiple-section course, that examination is the one to be rescheduled.

Students who have secured an examination excuse or an official permit and who transmit the document to the instructor or the instructor's chair or dean must be granted permission to take the exam at an alternate time, although students will need to arrange a mutually convenient time with the instructor. Except when the provost has provided an exception in writing, the exam will be taken at a time subsequent to the regularly scheduled exam, though no later than the end of the following semester.

The final examination in any course may be taken only by regularly enrolled members of the class whose registration has been certified and by students certified to be eligible to take a special examination in that course. The certifying authority is the Office of the University Registrar.

Each student is required to sign a full and explicit Honor Code pledge certifying that he or she has neither given nor received aid during the examination.

## **Grading System**

### **Permanent Letter Grades**

A letter-grade and plus/minus system for evaluating academic performance is employed for all undergraduates. Each letter grade corresponds to a number of grade points. Each letter-graded course receives a numerical value of quality points (quality points equal grade points times semester credit hours per course) to use in determining

a student's average (per credit hour) in a particular term and to find a student's cumulative grade point average (per credit hour).

A = 4.0	B- = 2.7	D+ = 1.3
A- = 3.7	C+ = 2.3	D = 1.0
B+ = 3.3	C = 2.0	F = 0.0
B = 3.0	C- = 1.7	

To determine the grade point average for a term, first determine the total quality points earned in the term by multiplying the number of grade points awarded for each course by the course's assigned number of semester credit hours and adding the resulting quality points earned for each course in the term. Then divide the total quality points earned in the term by the number of semester credit hours attempted (for letter grades) in the term.

**Example**

Course	Grade	Grade Points	x	Credit Hours	=	Quality Points
Course A	C+	2.3	x	3.0	=	6.90
Course B	B-	2.7	x	3.0	=	8.10
Course C	B	3.0	x	4.0	=	12.00
Course D	C-	1.7	x	3.0	=	5.10
Course E	A-	3.7	x	1.0	=	3.70
Course F	F	0.0	x	1.0	=	0.00
Course G	A	4.0	x	3.0	=	12.00
Total quality points earned:						47.80
Total graded hours:						18.0
Term grade point average:						$47.80 \div 18.0 = 2.656$

**Permanent grades are defined as follows:**

- A Mastery of course content at the highest level of attainment that can reasonably be expected of students at a given stage of development. The A grade states clearly that the student has shown such outstanding promise in the aspect of the discipline under study that he/she may be strongly encouraged to continue.
- B Strong performance demonstrating a high level of attainment for a student at a given stage of development. The B grade states that the student has shown solid promise in the aspect of the discipline under study.

C A totally acceptable performance demonstrating an adequate level of attainment for a student at a given stage of development. The C grade states that while not yet showing any unusual promise, the student may continue to study in the discipline with reasonable hope of intellectual development.

D A marginal performance in the required exercises demonstrating a minimal passing level of attainment for a student at a given stage of development. The D grade states that the student has given no evidence of prospective growth in the discipline; an accumulation of D grades should be taken to mean that the student would be well advised not to continue in the academic field.

F For whatever reasons, an unacceptable performance. The F grade indicates that the student's performance in the required exercises has revealed almost no understanding of the course content. A grade of F should warrant questioning whether the student may suitably register for further study in the discipline before remedial work is undertaken.

Grades earned and semester hours attempted at other institutions are not included in the calculation of the University grade point average.

Records of progress are kept by this institution on all students. Students can access official semester grades in ConnectCarolina at the end of the term. Questions about access to student official grades or grade reporting should be directed to the Office of the University Registrar.

**Temporary Grades (IN and AB) and FA Grades**

Any student who ceases to attend a class without officially being dropped or withdrawn may receive a temporary grade of AB or IN or a permanent grade of FA.

Students who do not complete all requirements in a course by the end of the semester, but who could pass the course if they did, receive a temporary grade of IN (incomplete) or AB (absent from the final exam) in place of a permanent letter grade. Grades of IN and AB do not affect grade point average. Students who do not complete the course requirements within a specified period of time are assigned permanent F\* grades on their academic transcripts by the Office of the University Registrar.

The instructor must report the grade of AB for any student who did not take the final examination and who, by taking the final examination, could pass the course. This AB grade later converts to an F\* unless the student arranges to take the final examination before the last day of finals of the next regularly scheduled semester (fall or spring). If the student cannot pass the course regardless of a final examination performance, the instructor must report the grade FA. The grade of FA (cannot pass the

class) is a permanent failing grade. A grade of F may be assigned instead of a temporary grade or a grade of FA when a final examination is not required in the course.

The grade IN may only be assigned by an instructor to a student who took the final examination in a course but did not complete some other course requirement (including signing the honor pledge) and who, by virtue of completing that missing work, might pass the course. Unless removed before the last day of finals of the regularly scheduled semester (fall or spring) following its assignment, an IN converts to an F\*.

Absence from a final examination may be officially excused only by the student's dean or the director of Campus Health Services or Counseling and Psychological Services. Please see "Final Examinations" above for information about final examination excuses.

## Important Rules and Procedures Pertaining to AB and IN Grades

The decision to report an IN grade is solely the responsibility of the course instructor; however, a student may present proper justification for the instructor's consideration.

Temporary grades should be cleared by completing the work outstanding, preferably no later than the start of the following semester. The deadline for clearing a temporary grade of AB or IN is the last day of finals for the next regularly scheduled semester or the instructor-provided deadline, whichever is earlier.

If students intend to remove IN or excused AB grades, they should not officially enroll in the course(s) during the next semester or summer session. If recommended by the course instructor, a student may attend by officially auditing a part of that instructor's section of the course or another instructor's section of the same course in which the temporary grade was awarded.

If a student enrolls in a course in which a temporary grade has been previously received, the second enrollment is taken as evidence that the student could not or is not permitted to remove the temporary grade. This results in replacing the temporary grade by F\* after the deadline for removing the temporary grade. The grade earned during the second enrollment is also reported on the student's academic transcript and is used along with the F\* grade in the computation of a cumulative grade point average.

## Other Grades and Notations

A notation of BE (By-Examination) is entered in the grade column of academic transcripts if students are awarded credit for a course as a result of evaluation by departmental, Advanced Placement, International Baccalaureate, or SAT II Subject Test examinations. BE credit confers credit hours and can be used to fulfill General Education requirements. For first-time, first-year students entering UNC-Chapel Hill in fall 2009 or thereafter, no more than two courses (six to eight credit hours) of BE credit can be applied to a major and no more than one course (three to four credit hours) of BE credit can be applied to a minor in the College of Arts and Sciences. BE credit may not be used to satisfy cumulative grade point average requirements for majors or minors.

A notation of NG (no grade) is not used by individual instructors but rather is assigned by the Office of the University Registrar when a permanent grade is pending a judicial review by the Honor Court.

A notation of PL (placement) is entered in the grade column of academic transcripts if students are awarded exemption for a course as a result of

an evaluation that would ordinarily place them in a succeeding course. PL does not confer credit hours.

There are some courses for which only a grade of PS (pass) or F (fail) can be awarded. For most other courses, students may opt to take a class on a Pass/Fail basis (<http://catalog.unc.edu/policies-procedures/registration-enrollment-withdrawal/>).

A grade of SP (satisfactory progress) may be used in the first course of a departmental undergraduate honors program. The honors program runs through two semesters, and a final grade is not reported until completion of the second course. When the final grade is reported, the previously assigned SP grade must be changed to the appropriate permanent letter grade by an official grade change form. Credit hours are awarded for the first honors course only after a letter grade replaces the SP grade. An SP grade is not computed in the grade point average.

A notation of W (withdrawn) is entered in the grade column of academic transcripts if students are permitted by their school to drop a course after the eighth week of classes or proportional equivalent for summer terms and other nonstandard enrollment periods. This notation is automatically entered unless the student's academic dean specifies otherwise.

When a course is dropped between the second and eighth week of classes, a grade of WC (withdrawal by choice) shall be recorded and used internally for tracking and reporting purposes. For external purposes, a withdrawal by choice is equivalent to the W notation. Once recorded, a WC cannot be rescinded unless it is determined the student withdrawal was due to extenuating circumstances.

A notation of XF is entered to indicate that a student has not passed a course as the result of an Honor Court violation. The grade of XF can be replaced by a final grade of F if the student follows prescribed steps to remediate the violation.

A blank space or a grade of NR (not reported) is shown in the grade column when the instructor has not submitted the official grade for the student.

## Repeating Course Enrollments

See Registration, Enrollment, and Withdrawal (p. 1265).

## Grades Earned at Other Institutions

With the exception of courses taken via interinstitutional registration (p. 1265), grades earned and semester hours attempted at other institutions are not included in the computation of a grade point average at the University. A grade point average earned at another university may not be used to restore academic eligibility; however, academic hours earned at another university may be used to restore academic eligibility if the student is lacking only credit hours and has a satisfactory grade point average. Special rules regarding transfer courses apply; see Transfer of Credit (p. 21) and Academic Eligibility (p. 1277).

## Grade Appeals

The grades of H, HP, P, LP, L, A, A-, B+, B, B-, C+, C, C-, D+, D, PS, F, FA, F\*, and numerical grades in the Law School are considered permanent grades. Once reported, the instructor's grade report may not be changed except under certain conditions. For a grade change to be considered, it must be based upon one or more of the following grounds and upon allegation that the ground or grounds cited influenced the grade assignment to the student's detriment:

- Arithmetic or clerical error
- Arbitrariness, possibly including discrimination or harassment based on the race, color, gender, national origin, age, religion, creed, disability, veteran's status, sexual orientation, gender identity, or gender expression of the student
- Personal malice
- Student conduct cognizable under the *Instrument of Student Judicial Governance*

A grade appeal must be made no later than the last day of classes for the succeeding fall or spring semester.

### **Grade Appeals Correcting a Clerical or Arithmetical Error**

An instructor who has reported an incorrect grade for a student because of an error in calculating the grade, or in entering it on the official grade roster, may change the grade to one of the other letter grades, provided this change is made no later than the last day of classes of the succeeding fall or spring semester. Grade changes are submitted online using the Grade Change Request process, with electronic approvals required by the instructor, the department chair, and student's dean's office.

### **Other Grade Appeals**

Any student who protests a course grade shall first attempt to resolve this disagreement with the instructor concerned. (As explained in the preceding paragraph, an instructor may change a permanent grade only when a clerical or arithmetical error is involved.) Failing to reach a satisfactory resolution, the student may appeal the grade in accordance with the procedures outlined below. Such appeal must be made no later than the last day of classes of the succeeding fall or spring semester.

Students should present the appeal in writing to the dean of their school (students in the College of Arts and Sciences must submit it in writing to the associate dean for advising). The dean will refer the appeal to the administrative board of his/her school, which will meet to consider whether the student has offered sufficient grounds for referring the appeal to the chair of the department concerned. If the administrative board determines that further review by the academic department is appropriate, the department chair will then appoint a committee to consider the appeal and will make a recommendation to the administrative board based on the committee's findings. The administrative board will make the final decision, and no change of grade will be made except as a result of the decision by the board. The chair will report such decision to change the grade to the Office of the University Registrar.

# ACADEMIC STANDING

## Academic Eligibility Policy

For students in the undergraduate career, the University's academic eligibility policy specifies the minimum standards of academic performance required for continued enrollment. These standards apply to undergraduate students enrolled in courses during or after the fall 2016 semester.

## Degree-Seeking Programs

To guide students toward timely degree completion, the University maintains academic eligibility standards. These standards are reviewed at the end of fall, spring, summer I, and summer II terms. These standards determine academic status for each undergraduate in a degree-seeking program. Academic status indicates eligibility to enroll in any course in any term including summer. Students must check their academic status in ConnectCarolina at the end of each enrolled fall, spring, or summer term.

Academic status is determined through four standards of satisfactory academic progress:

1. **Grade Point Average.** A cumulative UNC–Chapel Hill grade point average of at least a 2.000 is required.
2. **Completion Rate.** Students must successfully complete at least 2/3 of cumulative attempted credit hours. By-Exam (BE) and credits transferred in to UNC–Chapel Hill count as both attempted and completed hours. Withdrawals, temporary grades including AB, IN, or SP, and failed courses count as attempted hours but not completed hours. Completed Hours/Attempted Hours=Completion Rate.
3. **Cumulative Hours Passed\*.** To enroll in courses, students must have earned the following:
  - After one full-time semester: 9 academic hours
  - After two full-time semesters: 24 academic hours
  - After three full-time semesters: 36 academic hours
  - After four full-time semesters: 51 academic hours
  - After five full-time semesters: 63 academic hours
  - After six full-time semesters: 78 academic hours
  - After seven full-time semesters: 93 academic hours

Students are expected to complete their degree within a maximum of eight full-time semesters. Transfer students (who transfer in the UNC–Chapel Hill equivalent of two or more semesters, see "Calculation of Transferred Semesters Based on the Number of Transfer Hours (p. 1257)") may enroll in up to 10 total semesters. Students who enter as first years are required to apply for a ninth or tenth semester. For information about the application process, students in professional schools must contact their professional school dean, and students in the College of Arts and Sciences must contact the Academic Advising Program (<http://advising.unc.edu>).

\*Part-time students are excluded from this standard.

4. **Maximum Time Frame.** Students must complete their degree within 180 attempted credit hours.

There are four **academic statuses**: good standing, warning, suspension, and probation.

Students who meet each of the four standards at the end of an enrolled term will have an academic status of **good standing**.

Students who begin an enrolled term in good standing but do not meet each of the four standards at the end of that enrolled term will receive an academic status of **warning**. Students with a status of warning may enroll in courses and must complete an academic intervention plan (<http://studentsuccess.unc.edu/warning/>).

A student who begins an enrolled term with a status of warning and falls short of the standards at the end of that enrolled term will earn an academic status of **suspension**. Students with an academic status of suspension cannot enroll in any courses in any terms. Students with an academic status of suspension have two options:

- a. Appeal for **probation**. Students granted academic probation by appeal must complete an academic intervention plan (<http://studentsuccess.unc.edu/academic-probation-3/>). Students denied probation by appeal can pursue option b.
- b. Spend a term engaging in study, work, or wellness activities away from UNC–Chapel Hill. These opportunities could include coursework at another institution, employment, volunteer work, or healthcare or wellness activities. During this time students should reflect on their academic path, development, choices, and actions. Students should also implement strategies that will enhance their effectiveness upon return to the University. After a term away from the University, students who have engaged in study, work, or wellness activities may appeal to return to the University on probation. Students appealing after a term or longer away from the University must include documentation of their experiences while away such as a transcript from another institution, a letter from an employer, or a letter from a healthcare provider. These documents must convey evidence of the student's readiness to return to the University.

A student who begins an enrolled term with a status of probation and falls short of the standards at the end of that enrolled term will earn an academic status of **suspension**. Students with an academic status of suspension have two options (see above).

## Repeats, Withdrawals, and Incompletes

**Attempted hours** include all those in which a student is enrolled as of the end of the second week of each fall or spring term (the 10th day of the term, generally known as the "census date"). Students may drop a course until the 10th day of the term. Dropped courses do not count in attempted hours.

The summer schedule is similar to fall/spring but is determined according to the summer calendar. Credit hours that are dropped or withdrawn prior to the census date are not considered attempted; credit hours that are dropped or withdrawn after the census date *are* considered attempted.

**Repeated courses** affect grade point average and Completion Rate.

**Transfer hours** do not affect grade point average. Transfer hours are added to both completed hours and attempted hours in the Completion Rate calculation.

**Courses with temporary grades of IN or AB** do not affect grade point average. If a grade of IN or AB is converted to a passing grade, grade point average will be recalculated accordingly.

**Withdrawn courses** do not affect grade point average. Withdrawn courses are NOT considered a successful completion, though, and will adversely affect Completion Rate.

**Failed courses** influence grade point average. A failed course will also adversely affect Completion Rate, counting as attempted hours but not completed hours.

## Overview of Academic Status

Entering Academic Status	Term Performance	New Academic Status
Good	Meets all 4 standards	Good (may enroll)
Good	Does not meet all 4 standards	Warning (may enroll; must complete academic intervention plan)
Warning	Meets all 4 standards	Good (may enroll)
Warning	Does not meet all 4 standards	Suspension (may not enroll; may pursue options a or b for suspension status)
Probation	Meets all 4 standards	Good (may enroll)
Probation	Does not meet all 4 standards	Suspension (may not enroll; may pursue options a or b for suspension status)

## Academic Eligibility Policy for Non-Degree-Seeking Programs

For non-degree-seeking students there are three academic statuses: good standing, alert, and ineligible. A non-degree-seeking student with a 2.000 or higher cumulative grade point average will be in good standing and eligible to enroll in courses. If a non-degree-seeking student falls below a 2.000 cumulative grade point average, the student will be assigned a status of alert. A non-degree-seeking student who begins a term with a status of alert and does not raise his or her cumulative grade point average to 2.000 or higher at the end of the term will have an academic status of ineligible and will not be permitted to enroll in courses. Non-degree-seeking students with a status of ineligible may appeal to Digital and Lifelong Learning.

## Appeals

Students may, under extraordinary circumstances, present an appeal in writing (or online for students in the College of Arts and Sciences) to the dean of their school (for students in the College of Arts and Sciences, this is the associate dean for advising). The dean will refer the appeal to the administrative board for his/her school.

## Calculation of Transferred Semesters Based on the Number of Transferred Credit Hours

See the Credit and Evaluation (p. 1257) section of the catalog.

## Additional Information for Students with an Academic Status of Suspension

- If students earn 15 or more transfer semester credit hours for courses taken at other institutions cumulatively over the fall or spring semesters before applying for readmission to the University, a calculation will be made as to how many semesters the student is regarded as having completed, based on the number of hours accepted for transfer credit. The resulting tally of total semesters

completed will determine requirements for restoring academic eligibility.

- Students should consult their academic advisor if they are considering taking classes at another institution. Grades do not transfer, and credit hours accumulated through enrollment in fall and spring semesters at other schools can affect the number of remaining semesters that students have left to complete their degree requirements at UNC–Chapel Hill.
- Students who attend another institution (summer, fall, or spring), and who apply for readmission must have at least a 2.000 (C) average in work at the other institution.
- Students who have a housing assignment or contract for the following semester should either cancel their application/contract or notify the University's Department of Housing and Residential Education of their intention to restore academic eligibility before the following semester begins.

Students who are inactive during a semester because of ineligibility (or other reasons) must apply for readmission before registering for a full-time term.

## Removing AB or IN Grades

For information about completing courses with grades of AB (absent from the final examination) or IN (incomplete), see the grading system information (p. 1271).

# HONOR CODE

## The Honor Code

The Honor System forms a bond of trust among students, faculty, and administrators. The University of North Carolina at Chapel Hill operates under a system of self-governance, as students are responsible for governing themselves. As such, our University is transformed into a powerful community of inquiry and learning. The Honor Code embodies the ideals of academic honesty, integrity, and responsible citizenship, and governs the performance of all academic work a student conducts at the University. Acceptance of an offer of admission to Carolina presupposes a commitment to the principles embodied in our century-old tradition of honor and integrity.

## Mutual Responsibilities of the Faculty and Students

Academic work is a joint enterprise involving faculty and students. Both have a fundamental investment in the enterprise and both must share responsibility for ensuring its integrity. In relation to the Honor Code, therefore, specific responsibilities of the faculty which parallel the responsibilities of the students have been formally adopted by the Faculty Council.

### Responsibilities of the Faculty

1. Awareness: To assure that community-wide expectations regarding academic integrity are understood and communicated, and that students are held accountable for conforming their conduct to such expectations.
2. Communicating Expectations and Administering Examinations: To assist students in complying with their responsibilities relating to academic integrity, faculty members, teaching assistants, and other instructional personnel should
  - Use good judgment in setting and communicating clear ground rules for academic work conducted under their supervision.
  - Require students to sign the honor pledge as a condition of submitting academic assignments.
  - Take steps to prevent unauthorized access to examinations during development, duplication, and administration.
  - Avoid reusing prior examinations in whole or in part to the extent possible.
  - Take all reasonable steps consistent with physical classroom conditions to reduce the risk of cheating during the administration of examinations.
  - Maintain proper security during the administration of examinations, including as appropriate overseeing distribution and collection of examinations and proctoring the examination session.
3. Oversight: In the event of student misconduct that appears to violate the requirements of the Honor Code, faculty members, teaching assistants, and other instructional personnel should
  - Report to the appropriate Student Attorney General any instance in which the instructor has reasonable basis to conclude that a student under the faculty member's supervision has engaged in academic dishonesty or substantially assisted another to do so in connection with academically related work.
  - In the instructor's discretion, notify the student of the instructor's intention to report the suspected academic dishonesty and permit the student to provide relevant further information if the student chooses to do so.

- Refrain from taking unilateral punitive action as to a student rather than reporting conduct in suspected violation of the Honor Code.
  - Cooperate with representatives of the Honor System in conducting necessary investigation, providing testimony or other evidence, recommending appropriate sanctions, or otherwise bringing the matter to prompt conclusion.
4. Involvement: To bring to bear requisite faculty judgment regarding the nature and importance of academic integrity, and to nourish a strong campus-wide understanding and commitment to associated intellectual and personal values, faculty members, teaching assistants, and other instructional personnel should
    - Explore issues of integrity in connection with instructional activities where relevant and appropriate.
    - Encourage their academic units to take matters of academic integrity seriously, become informed regarding related problems and advisable means of preventing problems from arising, and provide requisite training and support to instructional personnel.
    - Participate upon request as part of educational initiatives, faculty advisory panels, and University Hearing Boards designed to create, nurture, and enforce high standards of academic integrity within the University community.

### Responsibilities of Students

To ensure effective functioning of an Honor System worthy of respect in this institution, students are expected to

1. Conduct all academic work within the letter and spirit of the Honor Code, which prohibits the giving or receiving of unauthorized aid in all academic processes.
2. Consult with faculty and other sources to clarify the meaning of plagiarism, to learn the recognized techniques of proper attribution of sources used in the preparation of written work, and to identify allowable resource materials or aids to be used during examination or in completion of any graded work.
3. Sign a pledge on all graded academic work certifying that no unauthorized assistance has been received or given in the completion of the work.
4. Comply with faculty regulations designed to reduce the possibility of cheating—such as removing unauthorized materials or aids from the room and protecting one's own examination paper from the view of others.
5. Maintain the confidentiality of examinations by divulging no information concerning an examination, directly or indirectly, to another student yet to write that same examination.
6. Treat all members of the University community with respect and fairness.
7. Report any instance in which reasonable grounds exist to believe that a student has given or received unauthorized aid in graded work or in other respects violated the Honor Code. Such report should be made to the Office of the Student Attorney General, the Office of the Dean of Students, or other appropriate officer or official of their college or school.
8. Cooperate with the Office of the Student Attorney General and the defense counsel in the investigation and hearing of any incident of alleged violation, including the giving of testimony when called upon.

## Procedure for Reporting

Members of the University community who wish to report possible violations of the Honor Code should contact the Office of Student

Conduct at (919) 962-0805 or fill out the online form (<https://studentconduct.unc.edu/report-violation-office-student-conduct/>). The Office of Student Conduct will review the report and refer it to the appropriate Student Attorney General for action.



# UNIVERSITY POLICIES

## Regulations and Policies

The personal conduct of students at the University of North Carolina at Chapel Hill (“University” or “UNC–Chapel Hill”) is subject to the moral and legal restraints found in any law-abiding community. Additionally, the Honor Code is a positive force for good citizenship. University regulations are not specifications for acceptable conduct or detailed lists of offenses subject to penal action. They are intended to provide information about systematic procedures and equitable decisions in many situations involving individual students and officers of the University.

### Code of the University of North Carolina

**Section 502D(3)**—Subject to any policies or regulations of the Board of Governors or of the Board of Trustees, it shall be the duty of the chancellor to exercise full authority in the regulation of student affairs and student conduct and discipline. In the discharge of this duty, delegation of such authority may be made by the chancellor to faculty committees and to administrative or other officers of the institution, or to agencies of student government, in such manner and to such extent as may by the chancellor be deemed necessary and expedient. In the discharge of the chancellor’s duty with respect to matters of student discipline, it shall be the duty of the chancellor to secure to every student the right to due process. Appeals from these disciplinary decisions are allowable only on the following grounds:

1. a violation of due process, or
2. a material deviation from the Minimum Substantive and Procedural Standards for Student Disciplinary Procedures, Section 700.4.1 of the UNC Policy Manual.

Where the sanction is suspension or expulsion, an appeal may be made to the Board of Trustees. No appeal to the president or Board of Governors is permitted.

### Whistleblower Policy

The purpose of this policy is to encourage individuals to report possible wrongful conduct to an appropriate authority so that prompt, corrective action can be taken by the University and to protect reporting individuals from any retaliation for reporting wrongful conduct. Please see the full text of the Whistleblower Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131868>) on the University’s policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

### Religious Accommodation Policy

The University is committed to providing a welcoming and inclusive environment that is respectful of the religious beliefs and practices of all members of the University community. As part of this commitment, the University will make good faith efforts to provide reasonable religious accommodations to individuals covered by this policy whose sincerely held religious beliefs and practices conflict with a University policy, procedure, or other academic or employment requirement unless such an accommodation would create an undue hardship.

The University is committed to diversity and nondiscrimination and supports the employment of all qualified individuals, regardless of religious affiliation or beliefs. This commitment is in accordance with state and federal laws and regulations, including Title VII of the Civil Rights Act of 1964 and its accompanying regulations, as well as the Equal Employment Opportunity Commission’s Guidelines on

Discrimination Because of Religion, and North Carolina General Statute § 116-11(3a). Please see the full text of the Religious Accommodation Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131709>) on the University’s policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

### Alcoholic Beverages

Possession and use of alcoholic beverages is substantially regulated by federal, state, and local laws and ordinances. Within this legal framework, the University’s Alcohol Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=132458>) sets out the conditions under which alcoholic beverages may be used on University property.

According to North Carolina law

- Generally, persons 21 or older may purchase or consume alcoholic beverages and may possess alcoholic beverages at their homes or temporary residences.
- It is against the law for any person under 21 to purchase or possess any alcoholic beverage. (General Statute 18B-302)
- It is against the law for anyone to sell or give any alcoholic beverage to a person under 21 or to aid or abet such a person in selling, purchasing, or possessing any alcoholic beverage. (General Statute 18B-302)
- No alcoholic beverages may be sold by any person, organization, or corporation on a college campus except as permitted by North Carolina General Statutes, Sect. 18B-1006 (a).

According to Chapel Hill ordinance 3-3 ([https://library.municode.com/nc/chapel\\_hill/codes/code\\_of\\_ordinances/?nodeId=CO\\_CH3ALBE](https://library.municode.com/nc/chapel_hill/codes/code_of_ordinances/?nodeId=CO_CH3ALBE)), it is against the law for anyone to possess any open container of alcohol on streets, sidewalks, alleys, or any other property owned or controlled by the Town of Chapel Hill.

In addition to following the law, the University’s Alcohol Policy sets out special rules about alcohol for University employees and for students and student organizations. For University employees, the Procedure for Requesting Permission to Serve Alcoholic Beverages at University-Sponsored Events (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=138011>) describes how University Departments and Units may request permission to serve alcohol at University-sponsored events. For University students and student organizations, the Procedures for Adjudication and Response to Student and Student Organization Violations of the UNC–Chapel Hill Alcohol Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=138012>) describes the procedural rights, administrative process, sanctions, and appeal process for students and student organizations accused of violating the University’s Alcohol Policy. The Office of the Dean of Students will provide copies of the policy and procedures and assistance in understanding their full implications. The text of the policy and procedures can also be accessed on the University’s policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

### Illegal Drugs Policy

The University’s Illegal Drugs Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=132140>) addresses education, counseling, and rehabilitation to help all members of the University Community avoid involvement with illegal drugs. The policy also describes enforcement and penalties, consistent with state and federal law, to eliminate illegal drugs from the University community. Please see

the full text of the Illegal Drugs Policy on the University's policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

## Commercial Activities

Commercial exchanges, including selling or soliciting for the sale of goods or services by any person on the campus of the University is prohibited except as provided for in the Facilities Use Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131343>).

## Emergency Evaluation and Action Committee Policy and Procedures

In keeping with the long tradition of student self-governance at the University, the chancellors of the University have delegated a portion of their authority in matters of student discipline to a student judicial system that functions in accordance with The Instrument of Student Judicial Governance. From time to time, however, the University is faced with situations involving behavior of applicants for admission, who are not yet within the jurisdiction of the student judicial system, and situations involving students that require a University response because they pose some danger to the University and/or its processes but that are not cognizable under the Instrument. Occasionally emergency situations arise in connection with student behaviors, which require a faster response than the student judicial system's procedures can provide. To address all of these situations and to fulfill the University's obligation to provide a safe campus, the Emergency Evaluation and Action Committee has been established. The full text of the committee's policies and procedures (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=132459>) is on the University's policy website. (<https://policies.unc.edu/TDClient/2833/Portal/Home/>)

## Equity in Athletics Disclosure Act

Information compiled under the federal Equity in Athletics Disclosure Act is available on request from the Department of Athletics Business Office.

## Expulsion

Per UNC System Policy 700.4.3[G], a student who has been expelled from one constituent institution may not be admitted to another constituent institution of the University, unless and until the sanction of expulsion has been rescinded by the institution that imposed the sanction.

## Fireworks, Firearms, and Other Weapons

Per N.C. General Statute 14.269.2(b) and (b1), it is a felony, punishable by fine and/or imprisonment, to possess or carry, openly or concealed, any gun, rifle, pistol, or other firearm of any kind, or any dynamite cartridge, bomb, grenade, mine, or powerful explosive on any University campus, in any University-owned or operated facility, or at a curricular or extracurricular activity sponsored by the University. Such conduct also may constitute a violation of the Honor Code.

Per N.C. General Statute 14.269.2(k1) and (k2), a person who has a concealed handgun permit that is valid under North Carolina law, or who is exempt from obtaining a permit pursuant to North Carolina law, may have a handgun in a closed compartment or container within the person's locked vehicle or in a locked container securely affixed to the person's vehicle. A person may unlock the vehicle to enter or exit the vehicle provided the firearm remains in the closed compartment at all times and the vehicle is locked immediately following the entrance or exit.

Per N.C. General Statute 14.269.2(e), it is a Class 1 misdemeanor, punishable by fine and/or imprisonment, to possess or carry, whether openly or concealed, any BB gun, stun gun, air rifle, air pistol, bowie knife, dirk, dagger, slingshot, leaded cane, switchblade knife, blackjack, metallic

knuckles, razors and razor blades (except for personal shaving), fireworks, or any sharp-pointed or edged instrument (except instructional supplies, unaltered nail files, and clips and tools used solely for preparation of food, instruction, and maintenance) upon any University campus or in any University-owned or operated facility. Such conduct may also constitute a violation of the Honor Code.

## Housing and Residential Education

For policies and procedures related to living on campus, visit the Housing and Residential Education (<https://housing.unc.edu/policies/housing-contract/>) website.

## Immunization Requirement

All new and transfer students are required to submit documentation (<https://campushealth.unc.edu/services/immunizations/>) of immunizations required under N.C. General Statute 130A-155.1. Students who were previously enrolled at UNC-Chapel Hill are not required to resubmit immunization documentation.

Per North Carolina state law 130A-155.1(a), students will be withdrawn from the University 30 days after classes begin if immunization requirements have not been met.

## Improper Relationships between Students and Employees

On March 15, 1996 (updated July 1, 2007), The University of North Carolina Board of Governors adopted a system-wide policy (300.4.1) that prohibits amorous or sexual relationships between faculty or staff employees and

1. students they evaluate or supervise by virtue of their teaching, research, administrative, or other employment responsibility and
2. students who are minors below the age of 18.

The policy also states that faculty or staff employees may not supervise or evaluate students to whom they are related by blood, law, or marriage. The full Improper Relationships Between Students and Employees Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=131764>) based on the UNC Board of Governor's policy is available on the University's policy website (<https://policies.unc.edu/TDClient/2833/Portal/Home/>).

## Veterans' Educational Benefits

Students who expect to use their veterans' educational benefits must contact the Veterans' Services Assistant in the Office of the University Registrar, located in the Student and Academic Services Building North. Students must maintain satisfactory academic progress to be eligible for VA educational benefits. Students who are not eligible at the end of the term will not be eligible for veterans' educational benefits in subsequent terms until they regain their eligibility. For further information, please visit the Office of the University Registrar's web page on Veteran Affairs (<https://registrar.unc.edu/academic-services/veteran-affairs/>).

## Military Tuition Benefit

As a member of the armed services, the North Carolina National Guard or a military dependent, if you do not qualify as a North Carolina resident for tuition purposes, you may still be eligible to pay a reduced tuition rate if you meet the eligibility requirements for the Military Tuition Benefit (N.C. General Statute 116-143.3).

Note: The benefit only determines the amount of tuition you pay. You must still qualify academically for admission.

For additional information about the UNC–Chapel Hill military tuition benefits, please see the Office of the University Registrar's web page on Active-Duty Military Benefits (<https://registrar.unc.edu/academic-services/residency/special-residency-provisions/military-benefits/>).

## Policies on Prohibited Harassment and Nondiscrimination

The University is committed to providing an inclusive and welcoming environment for all members of our community. The University values safety, diversity, education, and equity and is firmly committed to maintaining a campus environment free from discrimination, harassment, and related misconduct.

In accordance with its Policy Statement on Nondiscrimination, the University does not unlawfully discriminate in offering equal access to its educational programs and activities or with respect to employment terms and conditions on the basis of an individual's age, color, disability, gender, gender expression, gender identity, genetic information, race, national origin, religion, sex, sexual orientation, or veteran status (collectively referred to as "protected status"). The University's protection of these statuses is grounded in federal law.

Federal law also governs the University's response to sexual assault, sexual violence, interpersonal violence (including domestic and dating violence), and stalking. Such acts violate the essential dignity of our community member(s) and are contrary to our institutional values. Please visit these links to see the full text of the Policy on Prohibited Discrimination, Harassment and Related Misconduct (<https://policies.unc.edu/TDCClient/2833/Portal/KB/ArticleDet/?ID=132487>) and the Policy Statement on Nondiscrimination (<https://policies.unc.edu/TDCClient/2833/Portal/KB/ArticleDet/?ID=131717>).

## Gender-Inclusive Language Policy

The University is committed to providing an inclusive and welcoming environment for all members of our University Community. Consistent with that commitment, gender-inclusive terms (chair, first-year student; upper-level student, etc.) should be used on University documents, websites, and policies.

A guidance handout ("Gender-Inclusive Language (<https://writingcenter.unc.edu/tips-and-tools/gender-inclusive-language/>)") may be found on the UNC Writing Center website. Please see the full text of the Gender-Inclusive Language Policy (<https://policies.unc.edu/TDCClient/2833/Portal/KB/ArticleDet/?ID=132161>) on the University's policy website.

## Posthumous and Memorial Degree

In the unfortunate event of a recently enrolled student death, the University may award a degree posthumously or a memorial degree of achievement to the next of kin of the decedent. The following criteria are used to determine awarding a degree posthumously and it is included in the official degree count. Detailed information on the criteria for awarding a posthumous degree or memorial degree of achievement are in UPM#13 Authorized Degrees (<https://registrar.unc.edu/academic-services/policies-procedures/university-policy-memorandums/upm-13-authorized-degrees-major-fields-in-each-degree-and-assigned-code-numbers/>), Major Fields in Each Degree, and Assigned Code Numbers.

## Undergraduate Students

Upon the recommendation of the Dean of Students Office in conjunction with the Dean's Office of the student's academic college/school, a posthumous degree may be awarded to a deceased undergraduate student if the student was in good academic standing and at least 90 percent of academic requirements for earning the degree are already completed. This is typically in the last two semesters or year of study for undergraduate degrees.

## Graduate and Professional Students

Upon the recommendation of the Dean of Students Office in conjunction with the Dean's Office(s) of the student's academic college/school(s), a posthumous degree may be awarded to a deceased graduate or professional student if the student was in good academic standing and significant progress had been made toward academic requirements for earning the degree. For graduate and professional degrees this can vary but generally the following considerations apply:

- For degrees requiring a#research or other creative/practicum activity, the student must have#completed all course and other requirements pursuant to the degree and must#have been near completion of the dissertation/thesis/substitute product; and the student's committee#must have determined the scholarship to be substantial work and worthy of the#degree.
- For degrees requiring primarily coursework, at least 90 percent of academic requirements for earning the degree are already completed. This is typically in the last two semesters or year of study.

In cases where requirements for awarding a doctorate have not been met, a master's degree could be awarded if those requirements have been satisfied and if supported by the student's committee.

## Memorial Degree of Achievement

If requirements for awarding the degree posthumously are not met, the University may issue a memorial degree of achievement. This is neither recorded as an official degree nor included in the official degree count. The Dean of Students Office, in conjunction with the academic college/school of the student, issues this memorial degree of achievement#to honor the memory of the deceased student's contributions to the UNC–Chapel Hill academic community.

## Certificate of Achievement

In circumstances when awarding a degree is not appropriate, the University can issue a certificate of achievement recognizing a former student. The Dean of Students office determines if a situation warrants issuing this recognition. This is neither recorded as an official certificate nor included in the official certificate count.

## Residence Status for Tuition Purposes

Under state law, North Carolina residents are eligible for a lower tuition rate to state universities, including UNC–Chapel Hill.

In order to qualify as residents for tuition purposes, students must have established legal residence (or domicile) in North Carolina and maintained that legal residence for at least twelve (12) months prior to their classification as residents for tuition purposes. Each student is classified as an in-state or out-of-state resident upon admission.

If you believe that you qualify as a North Carolina resident for tuition purposes, you may apply for in-state resident status by following the instructions provided by your admissions office. Continuing students who believe they may now qualify as a resident for tuition purposes may apply through the North Carolina Residency Determination Service (RDS) (<https://ncresidency.cfnc.org/>). For additional information about the UNC–Chapel Hill residency requirements and procedures, please see the Office of the University Registrar's web page on Residency (<https://registrar.unc.edu/academic-services/residency/>).

## Tuition Waiver for Family Members of Deceased or Disabled Emergency Workers

Certain family members of emergency workers killed or permanently disabled in the line of duty may become eligible for tuition-free enrollment.

For additional information about the UNC–Chapel Hill emergency worker tuition benefits, please see the Office of the University Registrar's web page on Emergency Worker Tuition Benefits (<https://registrar.unc.edu/academic-services/residency/emergency-worker-tuition-benefits/>).

## Policies and Guidelines for a Cooperative Learning Environment

Teaching and learning occur simultaneously through a partnership between instructor and student. Instructors share knowledge, experience, and ideas with their students. Students process these thoughts, generate new ones, and share them with their teachers and classmates. In most cases, students and instructors communicate clearly and effectively. However, misunderstandings do occur. In an attempt to foster a positive academic environment, the Faculty Council, upon recommendation of the Educational Policy Committee, establishes the following policies and guidelines.

**The Faculty Council resolves:**

### Part I. Policies

#### Section 1.

The Faculty Council recognizes and affirms the following policies. This recognition is not to be interpreted as precluding modification of any policy by the appropriate authority.

- *The Honor Code.* The faculty should inform students of the provisions of the honor code and be aware of their own responsibilities specified in the honor code. Faculty responsibilities are stated in the *Instrument of Student Judicial Governance*.
- *Student Grievance Policy and Procedures.* According to UNC–Chapel Hill Student Grievance Committee procedures, students may file a grievance against a UNC–Chapel Hill employee, including faculty, EHRA non-faculty, staff, and student employee (when acting in the role of employee) when there is a violation of one of the following:
  - a. The UNC–Chapel Hill Policy on Prohibited Discrimination, Harassment and Related Misconduct, Including Sexual and Gender-Based Harassment, Sexual Violence, Interpersonal Violence and Stalking (<https://policies.unc.edu/TDCClient/2833/Portal/KB/ArticleDet/?ID=132487>);
  - b. The Americans with Disabilities Act (<https://www.ada.gov/>);
  - c. Title IX (<http://eoc.unc.edu/our-policies/state-and-federal-laws/title-ix-and-vawa/>), which prohibits exclusion from participation on the basis of sex;

- d. Section 504 of the Rehabilitation Act of 1973 (<https://accessibility.unc.edu/policies/>), which outlaws discrimination on the basis of a handicap; or
- e. The Family Educational Rights and Privacy Act, which allows students to challenge the content of their educational records.

Copies of these policies can be obtained from the Office of the Dean of Students (<https://odos.unc.edu/>). They contain information about how to file a grievance. A grievance based on incidents that occurred more than six months before the complaint was filed will not be considered.

- *Student Access to Academic Records—Protection against Improper Disclosure.* As stated in The Family Educational Rights and Privacy Act of 1974, students may have access to their full academic records. Individuals who are, or have been, in attendance at UNC–Chapel Hill may inspect and review their education records. Otherwise, education records are subject to confidentiality requirements as specified by law and may not be disclosed improperly. Requests for recommendations imply that the student has given consent to the disclosure of information related to ability and performance. Judgments of ability and character may be provided under appropriate circumstances, normally with the knowledge or consent of the student. “Education records” are those records directly related to a student that are maintained by an educational institution. Particular University policy provisions are found in the *University of North Carolina at Chapel Hill's Policies and Procedures under the Family Educational Rights and Privacy Act of 1974*.
- *Appealing a Grade.* The University has systems for appealing a grade. The exact procedures vary among the academic units. Students should consult with their dean or department chairperson to obtain information about grade appeal procedures. See the section on “Grade Appeals” (p. 1275) in this catalog.

## Part II. Guidelines

### Section 2.

The Faculty Council endorses the following guidelines for the faculty-student relationship. This endorsement shall not be construed as faculty legislation, is not intended to establish a contractual undertaking by the University or any individual, and shall not constitute the basis for civil action in a court or a claim in any administrative or judicial body of the University of North Carolina at Chapel Hill.

- *Clear Definition of Potential Honor Code Violations.* In an attempt to avoid unintended misunderstanding, instructors should clearly state what is acceptable in their classes. When study aids such as computers are allowed, the instructor is responsible for explaining what constitutes proper use of these items. These rules should be established at the beginning of the course and should not be changed without giving students proper notice.
- *Assignment of Graded Work during the Last Week of the Semester.* Instructors may not assign graded work during the last week of classes unless the course syllabus clearly states that such an assignment will be given.
- *Suggested Classroom Procedures.* In general, instructors are strongly encouraged to follow the guidelines for course design and classroom procedures recommended by the Center for Faculty Excellence. When students enter into a learning relationship, they have certain needs and expectations. They are entitled to information about course procedures, attendance policy, content, and goals. Instructors should provide a syllabus that describes the course and methods of

evaluation. Particular attention should be paid to several areas of special concern to students, including provision of reserve readings and grading policy.

Evaluated assignments should be returned to the students within a reasonable amount of time. Since part of the purpose of such assignments is to provide feedback, students should be given time to assess and to learn from their mistakes. Ideally, such assessment would take place while the relevant topics are still fresh in their minds. Extra credit, if offered, should be announced publicly and made available to the entire class.

- *Students Should Have Freedom of Expression.* Students should be free to take reasoned exception to the data or views offered in any course of study. They are responsible, however, for learning the content of any course of study in which they are enrolled. Incorrect facts and poorly supported arguments or opinions inevitably have an impact on grades. Nothing herein shall be construed to limit the freedom of the faculty to assign grades according to appropriate academic standards.
- *Responsibilities of Students and Teachers.* Just as students ought to expect instructors who are knowledgeable and well-prepared, so should teachers expect their students to be motivated, eager to learn, and actively engaged in class. It is the responsibility of teachers to make their courses serious intellectual experiences for themselves and for their students. It is the responsibility of students to take seriously the courses in which they enroll. Good teachers need good learners.

Students should understand that they are members of a community of scholars, and membership in such a community is not a passive activity. To be full participants in the educational community and to maximize the educational value of a class, preparation before class is necessary. Proper class preparation involves obtaining course materials as they are needed and completing assignments as they are due. Full participation in a class requires regular attendance, arriving on time and remaining until class conclusion, and active involvement in the work of the class. Students should also consider the extent of their own involvement in a class in assessing the educational value of the class.

## Recording Classes Best Practices

*The following information was posted to the Catalog on 8/18/2020 and distributed to faculty, instructors, and teaching assistants. The recommendations were developed by the Office of the Executive Vice Chancellor and Provost.*

1. Indicate on syllabi and on the departmental learning management system or website that classes may be recorded, noting that recordings will only be made available to students enrolled in the classes recorded.
2. When practicable, notify students and any guest speaker when a class is actually recorded. This notification may be provided verbally by the instructor or electronically through the online learning management system or telecommunication service used. It is advisable to make a more substantial notice during one of the initial classes, and then simply have a way to note that the class is being recorded during other classes in a more routinized way.
3. Ensure recordings are only made available to the students enrolled in the classes recorded. A recorded classroom lecture should not be used for any purpose except to meet the educational objectives of that particular class. Should the department or instructor wish to use recordings for any other purpose, the department should contact the Office of University Counsel.
4. Prohibit students from making individual recordings of the class in any format without prior consent from the instructor and the school or department.
5. Prohibit students from sharing or distributing recordings obtained from the University or elsewhere.
6. Develop processes for how your department will record, store, and distribute such recordings.
  - Consider whether to encourage or require all faculty to record all classes routinely.
  - Consider whether certain classes include student discussion of sensitive or personal topics that may require further controls on recording.
  - Consider recording options that best protect students' privacy (e.g., if practicable depending on the mode of instruction, audio-only recording or video that only displays the instructor and class materials without showing students' faces).
  - Consider IT security practices and ways of providing recordings to students that minimize the risk of further disclosure (e.g., providing a non-downloadable version on the learning management system rather than sending it as an attachment in an email).
  - Consider the process and specific circumstances by which enrolled students may make requests to record the class privately. Consider limiting student recordings to audio-only recordings.

## Example Language for Syllabus or Other Communication to Students

The University may record meetings of this class for educational purposes. These recordings will be shared only with students enrolled in the course for purposes of academic instruction only. Your instructor will communicate to you how you may access any available recordings.

Unauthorized student recording of classes on personal devices or on any other format is prohibited.

Students requesting the use of assistive technology as an accommodation should contact Accessibility Resources & Service (<https://ars.unc.edu/>). Other students must obtain express permission from the department to record the class, and the University will only grant such permission in extraordinary circumstances in which the student otherwise lacks access to a recording made by the University or instructor. Students shall not copy, reproduce, or distribute any recordings of their classes, and students shall delete any recordings at the conclusion of the course.

Any violation of these prohibitions or restriction on the making, use, copying, or distribution of recording of classes shall constitute an honor code violation.

## Example Language for Instructor

This class is being recorded for educational purposes only, and the recordings may only be made available to students enrolled in this class. Any use of a recording of this class by a student shall be for educational purposes only. Students may not record this class on their own, in any format, without prior express authorization from the University and may not copy, reproduce, or distribute any recording that they access.

## **Out-of-State Disclosures for Distance Education Programs**

### **Disclosure for Indiana Residents Enrolled in UNC–Chapel Hill Distance Education Programs**

The University of North Carolina at Chapel Hill is authorized by The Indiana Board for Proprietary Education, 101 W. Ohio St., Suite 670, Indianapolis, IN 46204.

### **Disclosure for Louisiana Residents Enrolled in UNC–Chapel Hill Distance Education Programs**

The University of North Carolina at Chapel Hill is currently licensed by the Board of Regents of the State of Louisiana. Licenses are renewed by the State Board of Regents every two years. Licensed institutions have met minimal operational standards set forth by the state, but licensure does not constitute accreditation, guarantee the transferability of credit, nor signify that programs are certifiable by any professional agency or organization.

### **Disclosure for Minnesota Residents Enrolled in UNC–Chapel Hill Distance Education Programs**

The University of North Carolina at Chapel Hill is registered as a private institution with the Minnesota Office of Higher Education pursuant to sections 136A.61 and 136A.71. Registration is not an endorsement of the institution. Credits earned at the institution may not transfer to all other institutions.

### **Disclosure for Washington Residents Enrolled in UNC–Chapel Hill Distance Education Programs**

The University of North Carolina at Chapel Hill is authorized by the Washington Student Achievement Council and meets the requirements and minimum educational standards established for degree-granting institutions under the Degree-Granting Institutions Act. This authorization is subject to periodic review and authorizes The University of North Carolina at Chapel Hill to advertise, recruit, and offer field placements for specific degree programs. The council may be contacted for a list of currently authorized programs. Authorization by the Council does not carry with it an endorsement by the Council of the institution or its programs. Any person desiring information about the requirements of the act or the applicability of those requirements to the institution may contact the Council at P.O. Box 43430, Olympia, WA 98504-3430.

## **Family Educational Rights and Privacy Act**

As a general rule, under the federal Family Educational Rights and Privacy Act (FERPA), personally identifiable information may not be released from a student's education records without his or her prior written consent.

To learn more about FERPA, please visit these links:

UNC–Chapel Hill FERPA Policy (<https://policies.unc.edu/TDClient/2833/Portal/KB/ArticleDet/?ID=132164>)

UNC–Chapel Hill Registrar's website (<https://registrar.unc.edu/academic-services/uncferpa/>)

# TRANSCRIPTS

## Transcripts of Record

A statement of official academic record includes all significant recorded information concerning the student's admission, classification, and scholarship. No partial or incomplete scholastic record will be given.

The student's transcript notes his or her academic eligibility status. A statement of honorable dismissal will not be granted to students whose conduct and character would not entitle them to remain enrolled at the University or whose transcripts contain a notation of any probation, suspension, or other temporary restriction imposed for unsatisfactory conduct and still in force when the statement is made.

The University does not release an official transcript unless tuition, fees, and other obligations due the University have been paid. Students may order a transcript electronically through the link in their ConnectCarolina Student Center. This process provides an electronic authorization that allows the Office of the University Registrar to release the transcript at the student's request. Students may inspect their academic records at the Office of the University Registrar, Student and Academic Services Building North. For more information on how to request a transcript, please visit the Office of the University Registrar's website (<http://registrar.unc.edu/academic-services/transcripts-certifications/order-a-transcript/>).

## Policy on Awarding of Undergraduate Degrees and Transcript Notations

The University of North Carolina at Chapel Hill will award only one bachelor's degree to a student, regardless of a possible second-major declaration, and will not admit or award a degree to a student who has already earned a bachelor's degree through another school of the University or at another college. Undergraduates in the professional schools in the Divisions of Academic Affairs and Health Affairs may earn a second major (not a second degree) in the College of Arts and Sciences or another professional school, but the first major must be in the professional school. Exception: a student may earn a second bachelor's degree in one of several health profession schools of the University after receiving a bachelor's degree if the student is admitted to the professional school.

Students pursuing two major fields of study for the bachelor of arts or bachelor of science degree earn only one degree and receive only one diploma. Both the diploma and the official transcript will indicate the degree and the two majors.

Students completing the requirements for both a bachelor of science degree and a bachelor of arts degree earn only the bachelor of science degree and receive only that diploma. Students completing the requirements for both a bachelor of arts degree and a bachelor of fine arts or bachelor of music degree earn only the bachelor of fine arts or bachelor of music degree and receive only that diploma. Note that these students must complete General Education requirements pertinent to the bachelor of arts as well as all requirements for the bachelor of fine arts or bachelor of music degree. Both the diploma and the official transcript will indicate the degree (with its major) and the second major.

## Related Policies

Under no circumstances can a second undergraduate degree be awarded in Academic Affairs after one has been earned in Health Affairs. In the

rare instance that an undergraduate student completes the requirements for an undergraduate degree and a graduate degree at the same time, the two degrees cannot be awarded at the same graduation. The undergraduate degree must be awarded first, and the graduate degree awarded at a subsequent degree award date.

Students who apply to graduate on a given degree award date, but who must complete requirements (such as courses with grades of IN or AB) after that degree award date, must reapply to graduate on a degree award date that follows the actual completion of requirements. Coursework taken after the degree award date cannot be used to change a degree already awarded, or to complete retroactively a degree, or to add retroactively an additional major or minor.

Adjustments may be made to a transcript only for one year following the date of graduation. Grade appeals, for instance, can be initiated after graduation. Courses with temporary grades not affecting graduation (AB or IN) can be completed after the date of graduation and the grade point average changed accordingly; however, the student's status at the time of graduation is not affected. Graduation with distinction or highest distinction is based only on the grade point average at the time that the degree is officially conferred and posted on the academic transcript, and may not be awarded retroactively. Students who neglect to declare a second major or a minor at the time of graduation may request that the dean's office verify that the requirements had been satisfied at the time of graduation. In such cases, indication of the second major or minor can be added to the transcript within one year after the graduation date.

## Loan Deferments and Certification/ Verification of Enrollment Status

The Office of the University Registrar provides confirmation of student enrollment data to financial institutions, organizations, or agencies requiring proof of registration. Students can order an enrollment certification online through their ConnectCarolina Student Center. Additional information about ordering a certification (<http://registrar.unc.edu/academic-services/transcripts-certifications/enrollment-certification/>) is available online or by calling (919) 962-3954.

# TUITION AND FINANCIAL AID

## Student Finances

### Billing Policies

Charges for tuition and fees, on-campus housing, and meals are assessed on a semester basis. Billing statements will only be available online through the ConnectCarolina Student Center. Students are responsible for accessing their statements online and insuring they are paid on time.

Any past due charges will result in a hold on registration and transcripts. Students must pay past due balances from prior terms before they will be allowed to register for future semesters. Students registering after the first tuition bill of the semester must either prepay tuition and fees or provide documented eligibility of financial aid to the Office of the University Cashier.

Students who are receiving financial aid are eligible to request a student aid deferment to extend their payment due date until after the initial financial aid disbursement of the semester. Deferments (<https://cashier.unc.edu/payment-options/financial-aid/>) can only be requested in ConnectCarolina by the student before the due date on the first bill of each semester.

It is extremely important for students to refer to the Office of the University Cashier website (<http://cashier.unc.edu/>) prior to each term for announcements and up-to-date information, and to follow instructions concerning payment/deferment due dates to avoid registration cancellation.

### Tuition and Fees

Tuition and fees (<http://cashier.unc.edu/tuition-fees/>) for each academic year, including detailed information about the mandatory student fees, (<http://cashier.unc.edu/tuition-fees/student-fees/>) are published on the Office of the University Cashier website. Additional fees such as incoming student, special laboratory, and other designated program and course fees also may be charged.

A late registration fee of \$20 is charged for registration on or after the first day of class for a term.

### Proxy and Authorized User Access

Federal law (FERPA (<http://registrar.unc.edu/academic-services/uncferpa/#details-0-0>)) restricts access to student information. Proxy and/or Authorized User Access (<https://ccinfo.unc.edu/give-proxyauthorized-users-access-information-2-2/>) is for anyone the student authorizes to access and/or discuss the student account. Only authorized users have access to view the billing statements and make payments online.

### Payment Options

Payments can be made in person at the Office of the University Cashier, through the mail, or by check or credit card online. For up-to-date information on payment options, please visit the payments section (<http://cashier.unc.edu/payment-options/>) of our website. Our returned check fee is \$25.

Each student is responsible for payment of his or her University charges. If a third party sponsor will be paying the charges, the Office of the University Cashier must receive a written authorization from the third

party well in advance so that a separate invoice can be sent to the proper agency or organization in order to ensure timely payment.

### Financial Aid Refunds

The Office of the University Cashier encourages students who are receiving financial aid in excess of tuition, fees, housing, and meal plan costs to sign up for eRefunds (<https://cashier.unc.edu/wp-content/uploads/sites/259/2016/05/setting-up-an-electronic-refund-account-for-student-account-refunds.pdf>) as soon as possible. Excess funds from the account will be deposited to either a checking or savings account at the student's bank. Students should also promptly update their eRefund information if there are any changes to their banking information.

### Drop/Withdrawal Policies for Tuition and Fees

The last day to reduce a course load for credit on a student's financial account is the tenth day of the semester, commonly referred to as the "census date." Dropping the only course a student is registered for requires an official withdrawal.

In case of withdrawal from the University, tuition and fees will be prorated according to the withdrawal refund calendar posted on the Important Dates (<http://cashier.unc.edu/tuition-fees/important-dates/>) section of our website for that semester. The last date for credit on a student's financial account for withdrawal is nine weeks after the first day of classes for the fall and spring semesters. If a student drops the only course he or she is taking, this constitutes a withdrawal from the University.

### Tuition Guarantee Program

Under a North Carolina state law effective fall 2016, students classified as North Carolina residents for tuition purposes in undergraduate degree programs at UNC system schools are eligible for fixed (or guaranteed) tuition for up to eight consecutive semesters (or ten semesters, if enrolled in an approved five-year program). Further information about the Tuition Guarantee Program can be found on the website for the Office of the University Registrar (<http://registrar.unc.edu/academic-services/policies-procedures/student-rights/guaranteed-tuition/>).

## Scholarships and Financial Aid For Undergraduates

The University works to keep Carolina affordable for all students. Scholarships, grants, loans, and work-study funds are offered to help eligible students who cannot afford the full cost of attendance.

Detailed information on scholarships and student aid can be found on the Office of Scholarships and Student Aid website (<https://studentaid.unc.edu/>). You are also welcome to email [aidinfo@unc.edu](mailto:aidinfo@unc.edu). We are here to help!

### Applying for Financial Aid

The priority deadline for financial aid applications is **March 1**. Late applications are accepted, but earlier is better.

To apply for financial aid:

- Complete the Free Application for Federal Student Aid (FAFSA) (<http://fafsa.ed.gov>)  
UNC school code 002974
- Complete the CSS Profile (<http://student.collegeboard.org/profile/>)  
(new students only, for University grants and scholarships)  
UNC school code 5816



- Monitor UNC email and regularly check ConnectCarolina (<http://connectcarolina.unc.edu>) for updates.

If we need more information, we will notify you by email. The sooner you complete the application process, the more likely funding is available.

Aid is an annual process, so returning students should complete the FAFSA each year. The application is typically available by October 1 of the prior year. For the 2024–2025 academic year the FAFSA will be delayed, but will be available by the end of December 2024.

### Priority Deadline

Complete the FAFSA (<http://fafsa.ed.gov>) and CSS Profile (<http://student.collegeboard.org/profile/>) by **March 1**. Late forms are accepted, but some sources of aid may be limited for later applicants.

You should apply as early as possible, even before admission to Carolina in the case of new students. You only need to complete the CSS Profile as an incoming new student one time. Although you should apply prior to admission, aid offers will not be released until you are formally admitted.

### Aid Offers

Financial aid offers generally begin in early February for returning students. Admitted students will get aid offers shortly after they are admitted.

### Types of Need-Based Financial Aid

Scholarships, grants, and work-study do not have to be repaid; loans require repayment. Aid offers will include self-help first (need-based loans, and work-study if eligible) with remaining need met through grants and/or scholarships. Graduate and professional students will receive loan offers to meet any eligibility remaining after awards from schools or departments.

You always can reduce or choose not to borrow offered loans, so budget carefully before borrowing. To get an idea of your borrowing needs, use our budgeting calculator (<https://studentaid.unc.edu/2023/01/26/budgeting-calculator-instructions/>).

### Eligibility for Need-Based Financial Aid

To be eligible for financial aid, a student must be enrolled and making satisfactory academic progress in a degree or eligible certificate program. Information about the Satisfactory Academic Progress Policy (<https://studentaid.unc.edu/current/sap/>) can be found on the Office Of Scholarships and Student Aid website.

You can find additional eligibility information (<https://studentaid.unc.edu/current/how-to-apply/>) on the website on the How to Apply page.

### The Carolina Covenant

Covenant scholars can graduate debt-free through a combination of scholarships, grants, and work-study. Covenant scholars also have access to faculty and staff mentors, enrichment activities, and other support services.

The Carolina Covenant is offered to eligible undergraduates who have a family income at or below 200 percent of the federal poverty level and limited assets. No special application is necessary; eligible students will be notified after applying for financial aid and being admitted. Details are on the Carolina Covenant website (<https://studentaid.unc.edu/incoming/what-aid-is-available/carolina-covenant/>).

### Federal Aid Programs

Rules for federal student aid are set by Congress. Eligibility is set by a federal formula. Scholarships and awards from private sources are also factored into the eligibility formula.

The Federal Pell Grant Program provides assistance to first time degree-seeking undergraduate students who meet the eligibility criteria.

More detailed information is available at the Federal Student Aid website (<https://studentaid.gov/understand-aid/types/grants/pell/>).

### University Scholarships and Grants

Undergraduate students are considered for university funded scholarships and grants, which do not have to be repaid, based on a detailed analysis of family financial circumstances. This may include home equity, other income, and family assets that may not have been considered in the calculation of federal aid. Institutional scholarship and grant funds are combined with federal aid to provide a total offer of financial aid based on financial need.

### Academic Scholarships

Each year, the University offers a limited number of academic scholarships to entering first-year students. These highly competitive programs recognize academic achievement, leadership, commitment to service, and potential for success at the University. Some of these awards consider a combination of financial need and academic merit.

Because Carolina is a highly selective university, competition for academic scholarships is strong. Very few academic scholarships are awarded each year.

There is no separate application for UNC academic scholarships. Selection is based on the information provided in a student's admission application. Academic scholarship finalists will be notified shortly after they are admitted.

The Morehead-Cain (<http://moreheadcain.org>) and the Robertson Scholars (<http://robertsonscholars.org>) programs are administered by private foundations and *do* require separate applications. Visit their websites for details.

More information about the University's academic scholarships — including the Johnston, Pogue, Carolina, Wood Family, Blue Sky, and Colonel Robinson programs — can be found at the Scholars Program website (<https://studentaid.unc.edu/incoming/what-aid-is-available/scholarships/>).

### Work-Study Employment

Work-study programs offer the chance to earn college funds by working a part-time job on campus or at a community service agency. Undergraduate work-study jobs require an average of 10 to 12 hours per week, with wages that depend on the job. You can apply for work-study jobs that match your interests, skills, and career plans.

Graduate students are not automatically considered for work-study funding. To learn more about work-study opportunities for graduate students, visit our website (<https://studentaid.unc.edu/graduate/what-aid-is-available/work-study/>).

### Loans

The University administers a number of student loan programs, both federal and institutional, which provide low-interest, long-term loans to undergraduate, graduate, and professional students who are eligible for aid.

After a student applies for aid, and has been admitted, the Office of Scholarships and Student Aid offers loans based on eligibility, loan limits, and program cost of attendance. More information on loan programs for undergraduate students can be found in the undergraduate loan guide (<https://studentaid.unc.edu/current/what-aid-is-available/loans/>). More information on loan programs for graduate and professional school students can be found in the graduate loan guide (<https://studentaid.unc.edu/graduate/what-aid-is-available/loans/>).

Students have the opportunity to accept, reduce or choose not to borrow offered loans, so budget carefully (<http://studentaid.unc.edu/budgeting/>) before deciding. Contact the OSSA Loans Team ([ssa\\_loans@unc.edu](mailto:ssa_loans@unc.edu)) with any questions.

### Laptop Grants

All Carolina students are required to have a laptop computer. The University offers grants — in the form of a credit at Student Stores, which sells a variety of laptops — to cover the cost for qualifying first-year students who receive need-based financial aid.

You are welcome to combine the grant with your own money to purchase a more expensive laptop. But if you leave Carolina without completing a degree, the University keeps the computer.

### Questions and Assistance

Financial aid staff are ready to help. Visit the Office of Scholarships and Student Aid or email [aidinfo@unc.edu](mailto:aidinfo@unc.edu) to get in touch.

## For Graduate Students

The Graduate School offers a variety of funding opportunities to assist graduate students. The Graduate School provides information and support to students applying for external fellowships, as well as providing fellowships and other direct financial support to graduate students, which supplements what the individual school or department provides. For updated information, please see The Graduate School's funding resources website (<http://gradschool.unc.edu/funding/>).

Graduate Tuition Incentive Scholarship (<http://gradschool.unc.edu/funding/gradschool/gtis.html>): Helps cover the remaining cost of in-state tuition for graduate students who are receiving external funding awards in support of their thesis or dissertation research

Graduate Student Opportunity Fund (<http://gradschool.unc.edu/funding/gradschool/opportunityfund.html>): Assists students with small, nonrecurring, unusual and unexpected academic expenses

Graduate Student Transportation Grant (<http://gradschool.unc.edu/funding/gradschool/transportationgrant.html>): Assists students with some of the transportation costs necessary for travel to a regional, national, or international academic conference or professional society meeting to present their dissertation research

The Graduate Funding Information Center (<http://gradfunding.web.unc.edu/>) is a resource for graduate students seeking information on funding sources for independent research, collaborative projects, fellowships, program development, and other scholarly activities.

You are welcome to contact the Fellowships Office at [gradfunding@unc.edu](mailto:gradfunding@unc.edu).

To receive alerts when funding opportunities are posted, subscribe to The Graduate School funding listserv (<http://gradfunding.web.unc.edu/>).

## Departmental Awards

### Teaching and Research Assistantships

The majority of assistantships available to graduate students are awarded by academic schools and departments. Approximately 2,500 graduate, research, and teaching assistantships are available through specific departments. Graduate assistantships are also available through the University's various research institutes and centers. Stipends, responsibilities, selection criteria, and application and notification procedures vary from department to department. Applicants should discuss with the program to which they are applying the specific funding opportunities available to graduate students.

### Federal/State Fellowships and Traineeships

A number of state and federally funded fellowships and traineeships are also available in some departments. Students must be pursuing graduate training in specified fields of study to be eligible for these awards. Interested students should request additional information from their academic departments.

## Application Deadline

Prospective graduate students may indicate when applying for admission their interest in an assistantship and should discuss application deadlines with their prospective departments.

If you have questions about departmental awards, please contact the department to which you are applying (<https://gradschool.unc.edu/academics/degreeprograms/>).

## Financial Aid Regulations

To be eligible for financial aid programs administered by the Office of Scholarships and Student Aid (<http://studentaid.unc.edu/>), you must be enrolled in a degree program on at least a half-time basis, a United States citizen or permanent resident, and making satisfactory progress toward completion of the academic program. You may not be in default on a loan previously received for college expenses nor owe the Department of Education for a refund on a scholarship, grant, or loan from a previous enrollment period.

Graduate or professional school students who wish to apply for financial aid to meet the costs of attending the University must complete the Free Application for Federal Student Aid (FAFSA) (<https://studentaid.gov/h/apply-for-aid/fafsa/>) using the UNC–Chapel Hill school code (002974).

You should not wait for admission to a graduate or professional school program before applying for aid. You should submit the FAFSA by **March 1**. If additional documentation is needed to complete your application for financial aid, the Office of Scholarships and Student Aid will notify you.

# ARCHIVES

## Undergraduate

2022–2023 Undergraduate Catalog: PDF (<http://catalog.unc.edu/archives/2022-23-ugrad.pdf>) | HTML (<http://catalog.unc.edu/archives/2022-2023/undergraduate/>)

2021–2022 Undergraduate Catalog: PDF (<http://catalog.unc.edu/archives/2021-22-ugrad.pdf>) | HTML (<http://catalog.unc.edu/archives/2021-2022/undergraduate/>)

2020–2021 Undergraduate Catalog: PDF (<http://catalog.unc.edu/archives/2020-21-ugrad.pdf>) | HTML (<http://catalog.unc.edu/archives/2020-2021/undergraduate/>)

2019–2020 Undergraduate Catalog: PDF (<http://catalog.unc.edu/archives/2019-20-ugrad.pdf>) | HTML (<http://catalog.unc.edu/archives/2019-2020/undergraduate/>)

2018–2019 Undergraduate Catalog: PDF (<http://catalog.unc.edu/archives/2018-19-ugrad.pdf>) | HTML (<http://catalog.unc.edu/archives/2018-2019/undergraduate/>)

2017–2018 Undergraduate Catalog: PDF (<http://catalog.unc.edu/archives/2017-18-ugrad.pdf>) | HTML (<http://catalog.unc.edu/archives/2017-2018/undergraduate/>)

2016–2017 Undergraduate Catalog: PDF (<http://catalog.unc.edu/archives/2016-17-ugrad.pdf>) | HTML (<http://catalog.unc.edu/archives/2016-2017/undergraduate/>)

2015–2016 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2015-16-ugrad.pdf>)

2014–2015 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2014-15-ugrad.pdf>)

2013–2014 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2013-14-ugrad.pdf>)

2012–2013 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2012-13-ugrad.pdf>)

2011–2012 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2011-12-ugrad.pdf>)

2010–2011 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2010-11-ugrad.pdf>)

2009–2010 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2009-10-ugrad.pdf>)

2008–2009 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2008-09-ugrad.pdf>)

2007–2008 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2007-08-ugrad.pdf>)

2006–2007 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2006-07-ugrad.pdf>)

2005–2006 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2005-06-ugrad.pdf>)

2004–2005 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2004-05-ugrad.pdf>)

2003–2004 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2003-04-ugrad.pdf>)

2002–2003 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2002-03-ugrad.pdf>)

2001–2002 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2001-02-ugrad.pdf>)

2000–2001 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/2000-01-ugrad.pdf>)

1999–2000 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/1999-00-ugrad.pdf>)

1998–1999 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/1998-99-ugrad.pdf>)

1997–1998 Undergraduate Bulletin: PDF (<http://catalog.unc.edu/archives/1997-98-ugrad.pdf>)

## Graduate

2022–2023 Graduate Catalog: PDF (<http://catalog.unc.edu/archives/2022-23-grad.pdf>) | HTML (<http://catalog.unc.edu/archives/2022-2023/graduate/>)

2021–2022 Graduate Catalog: PDF (<http://catalog.unc.edu/archives/2021-22-grad.pdf>) | HTML (<http://catalog.unc.edu/archives/2021-2022/graduate/>)

2020–2021 Graduate Catalog: PDF (<http://catalog.unc.edu/archives/2020-21-grad.pdf>) | HTML (<http://catalog.unc.edu/archives/2020-2021/graduate/>)

2019–2020 Graduate Catalog: PDF (<http://catalog.unc.edu/archives/2019-20-grad.pdf>) | HTML (<http://catalog.unc.edu/archives/2019-2020/graduate/>)

2018–2019 Graduate Catalog: PDF (<http://catalog.unc.edu/archives/2018-19-grad.pdf>) | HTML (<http://catalog.unc.edu/archives/2018-2019/graduate/>)

2017–2018 Graduate Catalog: PDF (<http://catalog.unc.edu/archives/2017-18-grad.pdf>) | HTML (<http://catalog.unc.edu/archives/2017-2018/graduate/>)

2016–2017 Graduate Catalog: PDF (<http://catalog.unc.edu/archives/2016-17-grad.pdf>) | HTML (<http://catalog.unc.edu/archives/2016-2017/graduate/>)

2015–2016 Graduate Record: PDF (<http://catalog.unc.edu/archives/2015-16-grad.pdf>)

2014–2015 Graduate Record: PDF (<http://catalog.unc.edu/archives/2014-15-grad.pdf>)

2013–2014 Graduate Record: PDF (<http://catalog.unc.edu/archives/2013-14-grad.pdf>)

2012–2013 Graduate Record: PDF (<http://catalog.unc.edu/archives/2012-13-grad.pdf>)

2011–2012 Graduate Record: PDF (<http://catalog.unc.edu/archives/2011-12-grad.pdf>)

2010–2011 Graduate Record: PDF (<http://catalog.unc.edu/archives/2010-11-grad.pdf>)

2008–2010 Graduate Record: PDF (<http://catalog.unc.edu/archives/2008-10-grad.pdf>)

2006–2008 Graduate Record: PDF (<http://catalog.unc.edu/archives/2006-08-grad.pdf>)

2004–2006 Graduate Record: PDF (<http://catalog.unc.edu/archives/2004-06-grad.pdf>)

2002–2004 Graduate Record: PDF (<http://catalog.unc.edu/archives/2002-04-grad.pdf>)

2001–2002 Graduate Record: PDF (<http://catalog.unc.edu/archives/2001-02-grad.pdf>)

2000–2001 Graduate Record: PDF (<http://catalog.unc.edu/archives/2000-01-grad.pdf>)

1999–2000 Graduate Record: PDF (<http://catalog.unc.edu/archives/1999-00-grad.pdf>)

1998–1999 Graduate Record: PDF (<http://catalog.unc.edu/archives/1998-99-grad.pdf>)

1997–1998 Graduate Record: PDF (<http://catalog.unc.edu/archives/1997-98-grad.pdf>)

*For catalogs for years prior to 1997-98, contact the Office of Undergraduate Curricula (<https://curricula.unc.edu/staff-contacts/>); for archived catalogs for programs not included in the Academic Catalog, contact the school or program directly.*

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